Initial Study/Mitigated Negative Declaration for the Willemsen Addition to River View Park Project

23-MND-01

SCH # 2024021037

Prepared for:
City of Buellton
107 West Highway 246
Buellton, California 93427

Prepared by:
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Adopted by City Council, Resolution No. 24-25

September 12, 2024

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INTRODUCTION

LEGAL AUTHORITY

This Initial Study/Mitigated Negative Declaration (IS/MND) has been prepared in accordance with the *CEQA Guidelines* and relevant provisions of the California Environmental Quality Act (CEQA) of 1970, as amended.

Initial Study. Section 15063(c) of the *CEQA Guidelines* defines an Initial Study as the proper preliminary method of analyzing the potential environmental consequences of a project. The purposes of an Initial Study are:

(1) To provide the Lead Agency with the necessary information to decide whether to prepare an Environmental Impact Report (EIR) or a Mitigated Negative Declaration;

(2) To enable the Lead Agency to modify a project, mitigating adverse impacts, thus avoiding the need to prepare an EIR; and

(3) To provide sufficient technical analysis of the environmental effects of a project to permit a judgment based on the record as a whole, that the environmental effects of a project have been adequately mitigated.

IMPACT ANALYSIS AND SIGNIFICANCE CLASSIFICATION

The following sections of this IS/MND provide discussions of the possible environmental effects of the proposed project for specific issue areas that have been identified in the CEQA Initial Study Checklist. For each issue area, potential effects are isolated.

A "significant effect" is defined by Section 15382 of the *CEQA Guidelines* as "a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by a project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance." According to the *CEQA Guidelines*, "an economic or social change by itself shall not be considered a significant effect on the environment, but may be considered in determining whether the physical change is significant."

INITIAL STUDY

PROJECT TITLE

City of Buellton - Willemsen Addition to River View Park (APNs: 099-660-032, -033, -034, -035, & 099-670-004, -005)
Mitigated Negative Declaration (23-MND-01)

LEAD AGENCY and CONTACT PERSON

City of Buellton Planning Department
P.O. Box 1819
Buellton, CA 93427
Contact: Andrea Keefer, Planning Director
(805) 688-7474

PROJECT APPLICANT AND OWNER

Applicant/Agent:
Scott Wolfe, City Manager
City of Buellton
107 West Highway 246
Buellton, California 93427

Owner:
City of Buellton
107 West Highway 246
Buellton, California 93427

PROJECT SITE CHARACTERISTICS

Location and Surrounding Land Uses: The 24-acre City-owned property is located generally southeast of River View Park, and south of the southern end of Valley Dairy Road. The property consists of five parcels (APNs 099-660-032, -033, -034, -035, and 099-670-005, the "Site"). The site is divided into a 4-acre upper (northerly) portion and a 20-acre lower (southerly) portion.

The 4-acre upper (northern) portion of the Site is developed land that currently contains a 3,200-square foot residence, a former dairy barn (approx. 7,000 sf, designated as a historic structure by the City), and a 1,600 sf open storage shed.

The 20-acre lower (southern) portion of the Site is currently vacant disturbed land, except for a 1.25-acre SYV Horseback Ride facility consisting of horse corrals and a small office structure with storage; 10 – 12 unpaved parking spaces are provided in a vacant field immediately west of the equestrian facility which operates under a conditional use permit from the City. This lower portion of the Site was formerly used for hay farming, but has since been vacant for the past 8 to 10 years. The land is cleared and mowed regularly; it is occasionally used for overflow parking when there are large events at the River View Park complex, with access via existing dirt and gravel roads.

Surrounding uses include: existing residential uses in the R zone to the north; Buellton's River View Park, including Santa Ynez Valley Botanic Garden, to the west/north-west; the City's wastewater treatment facility and open space to the southeast with industrial and commercial uses in the M zone beyond that to the east of the site. The Santa Ynez River is located to the south beyond the City limits, which is coterminous with the southern property line. The river flows generally from southeast to northwest, approximately 700 feet south of the project site, and is separated by an earthen berm along the Santa Ynez River area at the southern property line.

► See **Appendix A** for a map showing the project location.

Existing General Plan Designation (Land Use Category) and Zoning: The northern 4 acres of the site has a General Plan designation of Low Density Residential, with a zoning designation of Single-Family Residential (RS-6). The southern 20 acres of the site has a General Plan designation of Open Space, Parks and Recreation, with a zoning designation of Open Space (OS).

PROJECT DESCRIPTION

The proposed project consists of a phased capital improvement project to construct a multi-purpose recreational facility and to repurpose existing buildings for use as an event facility, children's museum and library/community room facility on a 24+/- acre City-owned site (APNs 099-660-032, -033, -034, -035, & 099-670-005, the "Site") adjacent to the existing River View Park complex. The Site is divided into a 4-acre Upper Portion and a 20-acre Lower Portion. In addition, a new paved access driveway is proposed from the River View Park east paved parking lot to the north-west, across a portion of adjacent City-owned land (APN 099-670-004.)

Phasing and proposed uses are described below. Existing roadway access to the Upper Portion is from Dairyland Road via Valley Dairy Road. Access to Lower Portion would be from River View Park via Sycamore Drive. Interior circulation utilizes primarily existing dirt and gravel roads; in Phase 2, a short paved interior access driveway to the lower parking lot is proposed.

The project site plan shows that proposed uses and site development activities are to be located primarily outside of the dripline of mature existing trees, including "protected trees" as set forth in BMC Chapter 12.32, "The Native Tree Protection Ordinance". Outdoor recreational activities will be situated to take advantage of the natural canopies, aesthetics, and/or other unique characteristics provided by existing mature tree stands. In Phase 1, removal of protected trees would be avoided. The future interior access driveway to the lower parking lot (further described below in Phase 2 uses) may result with removal of landscape plantings; in the remaining Phase 2 area, removal of protected trees would be avoided.

► See **Appendix B** for Site Plans of Existing Conditions and Phase 1 & 2 Proposed Uses

PHASE 1

Time Frame: estimated 1 – 2 Years

Proposed uses would include:

<u>On 4-acre Upper Portion</u>

- Library/Community rooms within an existing residence (about 3,200 sf) converted to that use. Conversion consists of interior tenant improvements and related access requirements.

- Wedding/Event facility in existing historic Barn (about 7,000 sf) includes warming kitchen and 2nd floor apartment space. Large events (up to 200 persons per event) to be held about 1-2 times per month, with potentially more frequent smaller events.
- Santa Ynez Valley Children's Outdoor Museum – The initial outdoor play area measures approx. 0.8 acre (34,848 +/- sf) of primarily open space area on the upper lot and hillside areas, including 1,600 sf of existing covered space (current open storage shed to be renovated). Portable restroom facilities (trailer) and play equipment to be installed. Proposed uses and placement of accessory equipment will avoid adverse impacts to protected trees
- Staff and disabled parking area for these uses (number of spaces to be determined).

<u>On 20-acre Lower Portion</u>

- Paved lower parking lot (about 1.5 acres) with about 112 parking spaces. This area is vacant disturbed land (former dairy, pasture and agriculture fields, currently used to accommodate overflow parking for events held at Riverview Park).
- Temporary access to the parking lot would be via an existing network of interior dirt/gravel driveways from the River View Park east parking lot. (Note: these driveways are currently used by the existing horseback ride facility and overflow parking areas)
- A retention basin for new construction is proposed immediately south of the lower parking lot.

PHASE 2

Time Frame: estimated 2 to 5+ Years

Proposed uses would include:

<u>On 20-acre Lower Portion</u>

- Permanent access to lower parking lot via a new, paved interior driveway from the River View Park east parking lot. The driveway would cross a mapped drainage stream and its construction may result with removal of landscape plantings in the affected area; any applicable mitigation would be on-site.
- Sport facilities/play fields (about 15 acres) with the following amenities:
    - 2 full-sized soccer fields, 1 mid-sized field and 1 small sized soccer field;
    - baseball/softball field;
    - 2 pickleball/multi-use courts;
    - Supplemental parking (estimated 40 spaces alongside existing interior gravel road near southwesterly property line); and
    - Restroom facility (modular building)
- Soccer fields could potentially accommodate small regional tournaments (4 per year maximum anticipated). Tournaments to be held in this location are expected to relocate here from other less desirable sites in the Santa Ynez Valley that are currently used for soccer tournaments. On the day of the event, each tournament could generate up to an estimated 2,150 vehicle trips, comparable to other large events held periodically at Riverview Park. Each of the regional soccer tournaments would require special event permits from the City; circulation, parking management and other applicable temporary impacts would be addressed at that time.
- Possible 0.2 acre (approx. 8,712 sf) expansion of Children's Museum outdoor open space play area, consisting of additional land along the easterly property line between the drainage ditch and the existing interior gravel road

- 2.5 acres to remain undeveloped (near the berm along south boundary of property/well area)

Refer to Appendix B for site plan exhibits of existing conditions, proposed uses individually for Phase 1 and Phase 2, and a composite of proposed uses for both Phase 1 & 2.

PUBLIC AGENCIES WHOSE APPROVAL MAY BE REQUIRED FOR SUBSEQUENT ACTIONS (e.g. permits, financing approval, or participation agreement):

To Be Determined. Resource agencies to be potentially consulted:
- California Dept. of Fish & Wildlife and Regional Water Quality Control Board
- U.S. Fish & Wildlife Service
- Other (as applicable)

REFERENCES

This Initial Study was prepared using the following information sources:

- Application Materials;
- Field Reconnaissance;
- Buellton General Plan;
- Buellton Municipal Code;
- Buellton Zoning Ordinance;
- General Plan EIR;
- Air Quality and Greenhouse Gas Assessment (Ambient, May 2023)
- Noise and Groundborne Vibration Assessment (Ambient, May 2023)
- Trip Generation Report (ATE, March 2023)
- Phase I Environmental Site Assessment (The Phase One Group, May 2020)

The Air Quality and Greenhouse Gas Assessment, Noise Assessment, and Trip Generation study are included as appendices to this Initial Study, and include their own lists of references on which those studies were based.

The Biological Resources analysis in the Initial Study was prepared by Kevin Merk Associates (February 2024), and is based on the following references:

Audubon. 2023. Guide to North American Birds. Accessed via: https://www.audubon.org/bird-guide in November 2022.

Bolster, B.C. (editor). 1998. Draft Terrestrial Mammal Species of Special Concern in California. Contributing authors: P.V. Brylski, P.W. Collins, E.D. Pierson, W.E. Rainey and T.E. Kucera. Prepared for California Department of Fish and Game, Wildlife Management Division, Nongame Bird and Mammal Conservation Program. Contract FG3146WM.

Calflora. 2023. Information on Wild California Plants for Conservation, Education, and Appreciation. Berkeley, California. Accessed via http://www.calflora.org/ in November 2022.

California Department of Fish and Game (CDFG). 2001. Fish and Game Code of California, Section 3503.5. Gould Publications, Altamonte Springs, Florida.

California Department of Fish and Wildlife (CDFW). 2023a. California Natural Diversity Database (CNDDB). Commercial version dated June 2023. Accessed via: https://www.wildlife.ca.gov/Data/CNDDB in November 2022.

California Department of Fish and Wildlife (CDFW). 2023b (July). Special Animals List. Biogeographic Data Branch, California Natural Diversity Database, Sacramento, California.

California Department of Fish and Wildlife (CDFW). 2023c (July). Special Vascular Plants, Bryophytes, and Lichens List. California Natural Diversity Database, Sacramento, California.

California Department of Fish and Wildlife (CDFW). 2023d. Vegetation Classification and Mapping Program (VegCAMP). Accessed via: https://www.wildlife.ca.gov/Data/VegCAMP in November 2022.

California Department of Fish and Wildlife (CDFW). 2023e. California Wildlife Habitat Relationships (CWHR) System. Accessed via: https://www.wildlife.ca.gov/data/cwhr in November 2022 and May 2023.

California Herps. 2023. A Guide to the Amphibians and Reptiles of California. Accessed via: http://www.californiaherps.com in November 2022 and May 2023.

California Native Plant Society (CNPS). 2023. Inventory of Rare and Endangered Plants of California. Online edition V8-03 0.39. Accessed via: http://www.rareplants.cnps.org in November 2022 and May 2023.

The Cornell Lab of Ornithology. 2023a. eBird. Accessed via: https://ebird.org in November 2022 and May 2023.

The Cornell Lab of Ornithology. 2023b. All About Birds. Accessed via: https://www.allaboutbirds.org in November 2022 and May 2023.

Holland, R.F. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. California Department of Fish and Game, Sacramento, California.

Jennings, M. R., and M. P. Hayes. 1994. Amphibian and reptile species of special concern in California, 1 November 1994. California Department of Fish and Game, Inland Fisheries Division, Rancho Cordova, California. 255 pp.

Jepson Flora Project (editors). 2023. Jepson eFlora. The Jepson Herbarium, University of California, Berkeley. Accessed via: http://ucjeps.berkeley.edu/eflora/ in November 2022 and May 2023.

Lehman, P.E. 2023 (May). The Birds of Santa Barbara County, California. Accessed via: http://sbcobirding.com/lehmanbosbc.html in May 2023.

Moyle, P.B., R.M. Quinones, J.V. Katz, and J. Weaver. 2015. Fish Species of Special Concern in California, Third Edition. California Department of Fish and Wildlife, Sacramento.

Natural Resources Conservation Service (NRCS). 2023. Web Soil Survey. National Cooperative Soil Survey, U.S. Department of Agriculture. Accessed via: http://websoilsurvey.nrcs.usda.gov/ in November 2022 and May 2023.

Rincon Consultants, Inc. 2017 (revised). City of Buellton General Plan 2025. Prepared for City of Buellton, Planning Department.

Sawyer, J. O., T. Keeler-Wolf, and J.M. Evens. 2009. A Manual of California Vegetation, Second Edition. California Native Plant Society, Sacramento, California.

Thomson, R.C., A.N. Wright, and H.B. Shaffer. 2016. California Amphibian and Reptile Species of Special Concern. University of California Press, Oakland, California.

United States Fish and Wildlife Service (USFWS). 2021. Birds of Conservation Concern 2021. Migratory Bird Program.

United States Fish and Wildlife Service (USFWS). 2023a. National Wetlands Inventory. U.S. Department of the Interior, Washington, D.C. Accessed via: https://www.fws.gov/wetlands/data/Mapper.html in November 2022 and May 2023.

United States Fish and Wildlife Service (USFWS). 2023b. Threatened and Endangered Species Active Critical Habitat Report. ECOS Environmental Conservation Online System. Accessed via: https://ecos.fws. gov in November 2022 and May 2023.

ENVIRONMENTAL DETERMINATION

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Ag/Forestry Resources	☒ Air Quality
☒ Biological Resources	☒ Cultural Resources	☐ Energy
☐ Geology / Soils	☐ Greenhouse Gas Emissions	☒ Hazards & Hazardous Materials
☐ Hydrology / Water Quality	☐ Land Use / Planning	☐ Mineral Resources
☒ Noise	☐ Population / Housing	☐ Public Services
☐ Recreation	☐ Transportation/Traffic	☐ Tribal Cultural Resources
☐ Utilities / Service Systems	☐ Wildfire	
☒ Mandatory Findings of Significance		

On the basis of this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ I find that although the proposed project COULD have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the applicant. A MITIGATED NEGATIVE DECLARATION will be prepared.

☐ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Andrea Keefer — 9/13/24

Andrea Keefer
Environmental Officer
City of Buellton

Date

EVALUATION OF ENVIRONMENTAL IMPACTS

1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a Lead Agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

3) "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

4) "Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.

5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). Earlier analyses and references are discussed at the end of the checklist.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.

8) The analysis of each issue should identify:
   a) the significance criteria or threshold used to evaluate each question; and
   b) the mitigation measure identified, if any, to reduce the impact to less than significance

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS - Would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In non-urbanized areas, Substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				X
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	

a., b. Scenic Vistas/Resources: No roadways in the project area are designated as state or local scenic highways. The project site is located along a suburban-open space interface / transitional area, bounded by low density residential uses to the north, open space & existing park complex to the south/southwest, and industrial/commercial uses to the east. The Site itself is considered a local open space and scenic resource, including a locally designated historic barn. The proposed project would preserve the barn and open space within the City; it would also create enhanced community resources and recreational amenities for residents and visitors to enjoy while experiencing the natural scenery of the surrounding area. Development of the project would not block any scenic vistas from other properties. No adverse impacts would result.

c. Visual Quality: Development of the project site would result in repurposing of existing buildings, as well as installation of new parking areas, sports fields, ancillary accessory structures (restrooms), and landscaping that would replace a partially developed and vacant open space parcel bounded on the north and east by existing residential and commercial/industrial uses, and the City's River View Park complex to the west.

The impact is considered less than significant for the following reasons: 1) the project will repurpose/renovate existing buildings, will expand on an existing City park and active recreational complex to the west, and will conform to the requirements of the Community Design Guidelines as may be applicable; and 2) is located within an area designated for low-density single-family and open space uses under the existing General Plan which are complementary to the proposed parks and recreation uses.

d. Light and Glare: The project site currently has no street lighting or nighttime activity that is lighted. Current lighting sources surrounding the project site include sporadic lighting from nearby industrial uses. No nighttime activities are anticipated on the site, and the sports fields will not be lighted. If minimal security lighting is required for the parking lot area or buildings, it would adhere to Zoning Ordinance requirements for Dark Sky Compliant lighting. Impacts would be less than significant.

Findings and Mitigation: Impacts would be less than significant, so no mitigation is required.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
II. AGRICULTURE AND FORESTRY RESOURCES - Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to nonagricultural use?				X
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (per Public Resources Code § 12220(g), timberland (Public Resources Code § 4526, or timberland zoned Timberland Production (per Govt Code §51104(g))?				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?				X

a. through e. Farmland, Forest Land, Timberland: The site is located in a transitional area between suburban and open space uses and is not designated as farmland in the City's General Plan, or Zoning Ordinance. The City is not near any designated forest lands. The property is not subject to a Williamson Act contract.

Findings and Mitigation: No impacts would occur, therefore, no mitigation is required.

ISSUES:	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
III. AIR QUALITY - Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?			X	
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?		X		
c) Expose sensitive receptors to substantial pollutant concentrations?		X		

ISSUES:	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
III. AIR QUALITY - Would the project:				
d) Result in other emissions (such as those adversely affecting a substantial number of people?			X	

The air quality section has been prepared by Ambient under contract to the City of Buellton. All data used in the creation of this section is on file at the Buellton Planning Department and is hereby incorporated by reference into this Initial Study. Table numbers, figure numbers and appendix numbers shown in this section correspond to the May 2023 Air Quality Assessment prepared by Ambient, and included in in Appendix C to this Initial Study.

Setting

The federal and state Clean Air Acts (42 United States Code §7401 *et seq.* and the California Health and Safety Code §40910, *et seq.*) empower federal and state governments to regulate emissions of airborne pollutants and have established ambient air quality standards for the protection of public health. The U.S. Environmental Protection Agency (EPA) is the federal agency designated to administer federal air quality regulation, while the California Air Resources Board (ARB) is the state equivalent and operates under the auspices of the California Environmental Protection Agency (CalEPA). Local control in air quality management is provided by the ARB through county-level or regional (multi-county) air pollution control districts. The ARB establishes statewide air quality standards and is responsible for enforcing standards and regulating stationary sources. The ARB has established 15 air basins statewide.

The City of Buellton is located within the South Central Coast Air Basin (SCCAB), which includes all of San Luis Obispo, Santa Barbara, and Ventura counties and is within the jurisdiction of the Santa Barbara County Air Pollution Control District (SBCAPCD). The climate of SCAAB is strongly influenced by its proximity to the Pacific Ocean and the location of the semi-permanent high-pressure cell in the northeastern Pacific. With a Mediterranean-type climate, the area is characterized by warm, dry summers and cool winters with occasional rainy periods. Annual precipitation averaged 22 inches per year between 1981 and 2010, with most rainfall between November and March. Average monthly temperatures range from a high of 92 degrees Fahrenheit (°F) in August to a low of 38°F in December (U.S. Climate Data, 2016).

Criteria Air Pollutants

For the protection of public health and welfare, the Clean Air Act (CAA) required that the United States Environmental Protection Agency (U.S. EPA) establish National Ambient Air Quality Standards (NAAQS) for various pollutants. These pollutants are referred to as "criteria" pollutants because the U.S. EPA publishes criteria documents to justify the choice of standards. These standards define the maximum amount of an air pollutant that can be present in ambient air without harm to the public's health. An ambient air quality standard is generally specified as

a concentration averaged over a specific time period, such as one hour, eight hours, 24 hours, or one year. The different averaging times and concentrations are meant to protect against different exposure effects. The CAA allows states to adopt additional or more health-protective standards. The air quality regulatory framework and ambient air quality standards are discussed in greater detail later in this report.

Federal and state standards have been established for eleven criteria pollutants, including ozone (O_3), carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter less than 10 and 2.5 microns in diameter (PM_{10} and $PM_{2.5}$), lead (Pb), sulfates, vinyl chloride (chloroethene), hydrogen sulfide (H_2S), and visibility reducing particles (VRP). California air quality standards are identical to or stricter than federal standards for all criteria pollutants. Table AQ-1 in Appendix C summarizes these pollutants.

Human Health & Welfare Effects

Common air pollutants and associated adverse health and welfare effects are summarized in Table AQ-1. Within the SCCAB, the air pollutants of primary concern, with regard to human health, include ozone (O_3), particulate matter (PM), and carbon monoxide (CO). As depicted in Table AQ-1, exposure to increased pollutant concentrations of O_3, PM, and CO can result in various heart and lung ailments, cardiovascular and nervous system impairment, and death.

Odors

Typically, odors are generally regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (i.e., irritation, anger, or anxiety) to the physiological, including circulatory and respiratory effects, nausea, vomiting, and headache.

Neither the state nor the federal governments have adopted rules or regulations for the control of odor sources. The SBCAPCD does not have an individual rule or regulation that specifically addresses odors; however, odors would be applicable to SBCAPCD Rule 303, Nuisance. Any actions related to odors would be based on citizen complaints to local governments and the SBCAPCD. The SBCAPCD recommends that odor impacts be addressed in a qualitative manner. Such analysis shall determine if the project results in excessive nuisance odors, as defined under the California Code of Regulations, Health & Safety Code Section 41700, air quality public nuisance.

Toxic Air Contaminants

Toxic air contaminants (TACs) are air pollutants that may cause or contribute to an increase in mortality or serious illness, or which may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air, but due to their high toxicity, they may pose a threat to public health even at very low concentrations. Asbestos, for example, is a considered a TAC. Because there is no threshold level below which adverse health impacts are not expected to occur, TACs differ from criteria pollutants for which acceptable levels of exposure can be determined and for which state and federal governments have set ambient air quality standards. TACs, therefore, are not considered "criteria pollutants" under either the Federal Clean Air Act (FCAA) or the California Clean Air Act (CCAA) and are thus not subject to National or State Ambient Air Quality Standards (AAQS).

For further discussion of TACs, please refer to Appendix C.

Regulatory Framework

Federal. At the federal level, the U.S. Environmental Protection Agency (EPA) has been charged with implementing national air quality programs. The U.S. EPA's air quality mandates are drawn primarily from the FCAA, which was signed into law in 1970. Congress substantially amended the FCAA in 1977 and again in 1990.

The Federal Clean Air Act (FCAA) required the U.S. EPA to establish National Ambient Air Quality Standards (NAAQS), and also set deadlines for their attainment. Two types of NAAQS have been established: primary standards, which protect public health, and secondary standards, which protect public welfare from non-health-related adverse effects, such as visibility restrictions. NAAQS are summarized in Table AQ-2 in Appendix C.

State of California. The California Air Resources Board (ARB) is the agency responsible for coordination and oversight of state and local air pollution control programs in California and for implementing the CCAA of 1988. Other ARB duties include monitoring air quality (in conjunction with air monitoring networks maintained by air pollution control districts and air quality management districts, establishing California Ambient Air Quality Standards (CAAQS), which in many cases are more stringent than the NAAQS, and setting emissions standards for new motor vehicles. The CAAQS are summarized in Table AQ-2 within Appendix C. The emission standards established for motor vehicles differ depending on various factors including the model year, and the type of vehicle, fuel, and engine used.

Relevant state regulations include the following, which are described in more detail in Appendix C:

- California Clean Air Act
- Assembly Bills 1807 and 2588 – Toxic Air Contaminants
- In-Use Off Road Vehicle Regulation
- California Building Code
- Green Building Standards

Local. The Santa Barbara County Air Pollution Control District (SBCAPCD) is the agency primarily responsible for ensuring that NAAQS and CAAQS are not exceeded and that air quality conditions within the region are maintained. Responsibilities of the SBCAPCD include, but are not limited to, preparing plans for the attainment of ambient air quality standards, adopting and enforcing rules and regulations concerning sources of air pollution, issuing permits for stationary sources of air pollution, inspecting stationary sources of air pollution and responding to citizen complaints, monitoring ambient air quality and meteorological conditions, and implementing programs and regulations required by the FCAA and the CCAA.

The SBCAPCD monitors air pollutant levels and develops strategies to ensure that air quality standards are met. Depending on whether or not the standards are met or exceeded, Santa Barbara County is classified as being in "attainment" or as "non-attainment." Currently, the basin is in attainment for all classified pollutants, except the following:

- Particulate Matter (PM_{10}) – arithmetic mean and 24-hour criteria; State of California

Table AQ-2 in Appendix C summarizes all relevant criteria pollutants along with their state and federal standards and attainment status.

Impact Analysis

Please refer to Appendix C for additional details regarding thresholds, methodology and analysis. The discussion below focuses on the most relevant aspects of the analysis that are critical for drawing the conclusions described in the report included in Appendix C.

a. As part of the CCAA, the SBCAPCD is required to develop a plan to achieve and maintain the state ozone standard by the earliest practicable date. The SBCAPCD 2022 Ozone Plan (Plan) addresses the attainment and maintenance of state and federal ambient air quality standards. The Plan was adopted by SBCAPCD in December 2022 (SBCAPCD 2022).

The Plan outlines the SBCAPCD strategies to reduce ozone-precursor pollutants (i.e., ROC and NOX) from a wide variety of sources. The Plan includes a stationary-source control program, which includes control measures for permitted stationary sources; as well as, transportation and land use management strategies to reduce motor vehicle emissions. The stationary-source control program is administered by SBCAPCD. Transportation and land use control measures are implemented at the local or regional level, by promoting and facilitating the use of alternative transportation options, increased pedestrian access and accessibility to community services and local destinations, reductions in vehicle miles traveled, and promotion of congestion management efforts. In addition, local jurisdictions also prepare population forecasts, which are used by SBCAPCD to forecast population-related emissions and air quality attainment, including those contained in the Plan.

Consistency with land use and population forecasts in local and regional plans, including the Plan, is required for projects subject to CEQA. Proposed projects subject to the most recent Plan consistency determinations include but are not limited to commercial, industrial, residential, and transportation projects. The Plan relies primarily on the land use and population projections provided by the Santa Barbara County Association of Governments (SBCAG) and ARB on-road emissions forecast as a basis for vehicle emission forecasting. The Plan uses SBCAG's countywide regional transportation demand model for on-road mobile source emissions estimates and SBCAG's socio-economic projections to form the basis for some stationary and area source growth forecasts.

To be consistent with the standard dust mitigation measures in Section 6.1 of the SBCAPCD Scope and Content of Air Quality Sections in Environmental Documents (based on policies adopted in the 1979 Air Quality Attainment Plan [AQAP]), all projects involving earthmoving activities must implement the standard dust control measures. Implementation of standard dust control measures would be required as stated in the discussion of construction-related impacts and detailed in Mitigation Measure AQ-1.

The proposed project would not result in an increase in population or employment that would affect regional emissions analyses. In addition, based on the traffic analysis prepared for this project, the project would have a less than significant impact on vehicle miles traveled. As a result, the proposed project would not be anticipated to adversely impact regional emissions

forecasts nor interfere with regional air quality attainment and maintenance efforts. This impact is considered *less than significant*.

b. and c. Short-term emissions associated with the construction of the proposed project were calculated using the California Emissions Estimator Model (CalEEMod), version 2020.4.0, computer program. Construction emissions were calculated assuming an estimated overall construction period of nine months, based on construction information provided. Project-specific construction information, such as activity schedules, equipment use, worker vehicle trips, and equipment load factors were not available and, therefore, were based on model defaults for Santa Barbara County. Demolition of existing structures is not anticipated to be required, however, some minor demolition may be required during renovation of the existing structures. Modeling assumptions and output files are included in Appendix C to this Initial Study.

Long-term operational increases in emissions of criteria air pollutants were calculated using the CalEEMod, version 2020.4.0. Emissions modeling included quantification of emissions associated with area sources, energy use, and mobile sources. Area sources included the use of architectural coatings and landscape maintenance activities. Energy use included emissions associated with natural gas and electricity use. Trip generation rates were obtained from the traffic analysis prepared for the proposed project (ATE 2023). Specific fleet-mix data for the project was not available and, therefore, were based on the default fleet mix identified in CalEEMod for Santa Barbara County.

To assist in the evaluation of air quality impacts, the SBCAPCD has developed recommended significance thresholds, which are contained in the SBCAPCD Scope and Content of Air Quality Sections in Environmental Documents (SBCAPCD 2022). For the purposes of this analysis, project emissions are considered potentially significant impacts if any of the following SBCAPCD recommended thresholds are exceeded:

Construction Impacts

The SBCAPCD recommends 25 tons per year for reactive organic compounds (ROC) or NOX as a guideline for determining the significance of construction impacts. In addition, the SBCAPCD recommends incorporation of standard mitigation measures to minimize localized air quality impacts commonly associated with construction activities and to ensure consistency with air quality attainment and maintenance efforts.

Operational Impacts

A proposed project will have a significant impact on air quality, either individually or cumulatively, if operational emissions would:

- *exceed the daily trigger for offsets or Air Quality Impact Analysis set in the SBCAPCD New Source Review Rule, for any pollutant (i.e., 240 pounds/day for ROC or NOx; and 80 lbs/day for PM10). There is no daily operational threshold for CO (it is an attainment pollutant)*
- *exceed 25 pounds/day of NOx or ROC from motor vehicle trips only*
- *would cause or contribute to a violation of any CAAQS or NAAQS (except O3)*

- *would exceed the SBCAPCD health risk public notification thresholds adopted by the SBCAPCD Board (10 excess cancer cases in a million for cancer risk and a Hazard Index of more than one (1.0) for non-cancer risk)*
- *would be inconsistent with the latest adopted federal and state air quality plans for Santa Barbara County.*

Short-Term Construction Emissions. Construction-generated emissions are of temporary duration, lasting only as long as construction activities occur, but have the potential to represent a significant air quality impact. Construction of the proposed project would result in the temporary generation of emissions associated with paving, architectural coating application, motor vehicle exhaust associated with construction equipment and worker trips, as well as the movement of construction equipment on unpaved surfaces. Short-term construction emissions would result in increased emissions of ozone-precursor pollutants (i.e., reactive organic gases (ROG) and NOX) and emissions of PM.

Estimated maximum annual emissions associated with construction of the proposed project are presented in Table 1 below (Table AQ-3 in Appendix C). As depicted in Table 1, the maximum annual construction-generated emissions would total approximately 0.02 tons/year of ROG and 1.5 tons/year of NOx. Maximum annual construction emissions would not exceed the threshold of 25 tons/year. However, since Santa Barbara County violates the state standard for PM_{10}, dust control measures are required for all projects involved in earthmoving activities regardless of the significance of the fugitive dust impacts. In addition, as discussed in the analysis related to long-term impacts, PM_{10} can result in nuisance impacts, including irritation of eyes and respiratory tract (refer to Table AQ-1 in Appendix C). For these reasons, construction-generated emissions would be considered to have a *potentially significant impact*.

Table 1.
Annual Construction Emissions (without mitigation)

	Emissions (tons per year)					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Construction-Generated Emissions	0.2	1.5	1.4	<0.1	0.1	0.1
SBCAPCD Significance Thresholds	*25*	*25*	-	-	-	-
Threshold Exceeded?	**No**	**No**	-	-	-	-

Notes: See Appendix C for modeling assumptions and results.

Mitigation Measures

Mitigation Measure AQ-1. If a grading permit is issued for the project, the following construction mitigation measures shall be implemented to minimize short-term construction emissions. These measures shall be identified on grading site plans.

Dust Control Measures

a. During construction, use water trucks, sprinkler systems, or dust suppressants in all areas of vehicle movement to prevent dust from leaving the site and from exceeding the APCD's limit of 20% opacity for greater than 3 minutes in any 60 minute period. When using water, this

includes wetting down areas as needed but at least once in the late morning and after work is completed for the day. Increased watering frequency should be required when sustained wind speed exceeds 15 mph. Reclaimed water should be used whenever possible. However, reclaimed water should not be used in or around crops for human consumption.

b. Onsite vehicle speeds shall be no greater than 15 miles per hour when traveling on unpaved surfaces.
c. Install and operate a track-out prevention device where vehicles enter and exit unpaved roads onto paved streets. The track-out prevention device can include any device or combination of devices that are effective at preventing track out of dirt such as gravel pads, pipe-grid track-out control devices, rumble strips, or wheel-washing systems.
d. If importation, exportation, and stockpiling of fill material is involved, soil stockpiled for more than one day shall be covered, kept moist, or treated with soil binders to prevent dust generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.
e. Minimize the amount of disturbed area. After clearing, grading, earthmoving, or excavation is completed, treat the disturbed area by watering, OR using roll-compaction, OR revegetating, OR by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur. All roadways, driveways, sidewalks etc. to be paved should be completed as soon as possible.
f. Schedule clearing, grading, earthmoving, and excavation activities during periods of low wind speed to the extent feasible. During periods of high winds (>25 mph) clearing, grading, earthmoving, and excavation operations shall be minimized to prevent fugitive dust created by onsite operations from becoming a nuisance or hazard.
g. The contractor or builder shall designate a person or persons to monitor and document the dust control program requirements to ensure any fugitive dust emissions do not result in a nuisance and to enhance the implementation of the mitigation measures as necessary to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the Air Pollution Control District prior to grading/building permit issuance and/or map clearance.

***Plan Requirements*:** All requirements shall be shown on grading and building plans and/or as a separate information sheet listing the conditions of approval to be recorded with the map.

***Timing**:* Requirements shall be shown on plans prior to grading/building permit issuance and/or recorded with the map during map recordation. Conditions shall be adhered to throughout all grading and construction periods.

Equipment Emissions Control Measures

The following measures are required by state law:

a. All portable diesel-powered construction equipment greater than 50 brake horsepower (bhp) shall be registered with the state's portable equipment registration program OR shall obtain an APCD permit.
b. Fleet owners of diesel-powered mobile construction equipment greater than 25 hp are subject to the California Air Resource Board (CARB) In-Use Off-Road Diesel-Fueled Fleets Regulation (Title 13, California Code of Regulations (CCR), §2449), the purpose of which is to reduce oxides of nitrogen (NOx), diesel particulate matter (DPM), and other criteria pollutant emissions from in-use off-road diesel-fueled vehicles. Off-road heavy-duty trucks shall comply with the State Off-Road Regulation. For more information, see www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.

c. Fleet owners of diesel-fueled heavy-duty trucks and buses are subject to CARB's On-Road Heavy-Duty Diesel Vehicles (In-Use) Regulation (Title 13, CCR, §2025), the purpose of which is to reduce DPM, NOx and other criteria pollutants from in-use (on-road) diesel-fueled vehicles. For more information, see www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm.
d. All commercial off-road and on-road diesel vehicles are subject, respectively, to Title 13, CCR, §2449(d)(3) and §2485, limiting engine idling time. Off-road vehicles subject to the State Off-Road Regulation are limited to idling no more than five minutes. Idling of heavy-duty diesel trucks during loading and unloading shall be limited to five minutes, unless the truck engine meets the optional low-NOx idling emission standard, the truck is labeled with a clean-idle sticker, and it is not operating within 100 feet of a restricted area.

The following measures are recommended:

e. Off-road heavy-duty diesel equipment with engines meeting the CARB Tier 4 emission standards if available or Tier 3 emission standards should be used to the maximum extent feasible.
f. On-road heavy-duty equipment with model year 2010 engines or newer should be used to the maximum extent feasible.
g. Diesel powered equipment should be replaced by electric equipment whenever feasible. Electric auxiliary power units should be used to the maximum extent feasible.
h. Equipment/vehicles using alternative fuels, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane or biodiesel, should be used on-site where feasible.
i. Catalytic converters shall be installed on gasoline-powered equipment, if feasible.
j. All construction equipment shall be maintained in tune per the manufacturer's specifications.
k. The engine size of construction equipment shall be the minimum practical size.
l. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time.
m. Construction worker trips should be minimized by requiring carpooling and by providing for lunch onsite.
n. Construction truck trips should be scheduled during non-peak hours to reduce peak hour emissions whenever feasible.
o. Proposed truck routes should minimize to the extent feasible impacts to residential communities and sensitive receptors.
p. Construction staging areas should be located away from sensitive receptors such that exhaust and other construction emissions do not enter the fresh air intakes to buildings, air conditioners, and windows.

Plan Requirements and Timing: Prior to grading/building permit issuance and/or map recordation, all requirements shall be shown as conditions of approval on grading/building plans, and/or on a separate sheet to be recorded with the map. Conditions shall be adhered to throughout all grading and construction periods. The contractor shall retain the Certificate of Compliance for CARB's In-Use Regulation for Off-Road Diesel Vehicles onsite and have it available for inspection.

Monitoring:

For any applicable grading permits and/or site disturbance for any public improvement projects involving grading, the Public Works Director will verify at the time of permit/contract issuance that Mitigation Measure AQ-1 has been incorporated into the individual project plans/permit approvals and/or recorded with maps. Public Works staff shall ensure compliance onsite. APCD inspectors will respond to nuisance complaints.

Significance After Mitigation

Mitigation Measure AQ-1 would require implementation of dust-control measures for ground-disturbing activities, as well as, measures for the control of construction equipment emissions, including emissions of diesel particulate matter. Implementation of PM emission measures would reduce emissions of fugitive dust by approximately 50 percent, or more. In addition, the project would be required to comply with SBCAPCD's Rule 345 for the control of fugitive dust associated with construction and demolition activities. Asphalt paving activities would also be required to comply with SBCAPCD's Rule 329 for the use of cutback and emulsified asphalt paving materials, which would help to further reduce emissions of ROG. With mitigation and compliance with applicable regulatory requirements, this impact would be considered *less than significant*.

Long-Term Operational Emissions. Long-term operational emissions associated with the proposed project would be predominantly associated with mobile sources. To a lesser extent, emissions associated with area sources, such as landscape maintenance activities, as well as, use of electricity and natural gas would also contribute to increased operational emissions.

Operational emissions are depicted in Table 2 (Table AQ-4 in Appendix C). As depicted in Table 2, daily operational emissions would total approximately 1.1 pounds/day of ROG, 0.8 pounds/day of NOx, and 0.3 pounds/day of PM_{10}. Estimated daily operational emissions from all sources of ROG, NOX, and PM10 would not exceed the SBCAPCD operational thresholds of 240 pounds/day for ROC or NOx; and 80 pounds/day for PM_{10}. As a result, this impact would be considered *less than significant*.

Table 2.
Daily Operational Emissions (without mitigation)

Source	Emissions (pounds per day)					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Area	0.3	<0.1	0.3	<0.1	<0.1	<0.1
Energy	<0.1	<0.1	0.3	<0.1	<0.1	<0.1
Mobile	0.8	0.6	4.5	<0.1	0.3	<0.1
Total	**1.1**	**0.8**	**5.0**	**<0.1**	**0.3**	**0.1**
SBCAPCD Thresholds (all sources)	*240*	*240*	-	-	*80*	-
Threshold Exceeded?	**No**	**No**	-	-	**No**	-
SBCAPCD Thresholds (mobile sources)	*25*	*25*	-	-	-	-
Threshold Exceeded?	**No**	**No**	-	-	-	-

Notes: Emissions were quantified using the CalEEMod program based on data derived from the traffic analysis prepared for this project. See Appendix C for modeling assumptions and results.

As previously noted in the previous discussion, the proposed project is not anticipated to result in substantial ground disturbance, such as grading or site preparation activities. However, in the event that ground disturbance were to occur, SBCAPCD-recommended mitigation measures would be required for the control of fugitive dust. In addition, the project would be required to comply with SBCAPCD's Rule 345 for the control of fugitive dust associated with construction and demolition activities. Other potential sources of localized pollutants are discussed in greater detail, as follows:

Naturally-Occurring Asbestos. The ARB identifies naturally-occurring asbestos (NOA) as a toxic air contaminant (TAC). In accordance with ARB Air Toxics Control Measure, prior to any grading activities, a geologic evaluation should be conducted to determine if NOA is present within the area that will be disturbed. If NOA is not present, an exemption request form, along with a copy of the geologic report, must be filed with the local air district. If NOA is found at the site, the applicant must comply with all requirements outlined in the Asbestos Air Toxics Control Measure. The project site is not located within an area identified as having a potential for naturally-occurring ultramafic rock and serpentine soils. As a result, this impact would be considered *less than significant*.

Asbestos-Containing Materials. Demolition activities can have potential negative air quality impacts, including issues surrounding the proper handling, demolition, and disposal of asbestos-containing materials (ACM). ACM could be encountered during the renovation of existing buildings, particularly older structures constructed prior to 1970. Asbestos can also be found in various building products, including (but not limited to) utility pipes/pipelines (transit pipes or insulation on pipes). The proposed project would require the renovation of existing structures, which could result in the disturbance of ACM. As a result, this impact would be considered *potentially significant*.

Lead-Coated Materials. The renovation/demolition of structures with materials coated with lead-based paint can have potential negative air quality impacts and may adversely affect the health of nearby individuals. Improper handling of lead-containing materials can result in the release of lead-containing particles from the site. The proposed project would require the renovation of existing structures, which could result in the disturbance of lead- containing materials. As a result, this impact would be considered *potentially significant*.

Localized PM Concentrations. Fugitive dust emissions would be primarily associated with building demolition, site preparation, grading, and vehicle travel on unpaved and paved surfaces. On-site off-road equipment and trucks would also result in short-term emissions of diesel-exhaust PM, which could contribute to elevated localized concentration at nearby receptors. Uncontrolled emissions of fugitive dust may also contribute to potential increases in nuisance impacts to nearby receptors. For these reasons, localized uncontrolled concentrations of construction-generated PM would be considered to have a *potentially significant* impact.

Localized Carbon Monoxide Concentrations. Localized concentrations of CO are of primary concern in areas located near congested roadway intersections. Of particular concern are signalized intersections that are projected to operate at unacceptable levels of service (LOS) (LOS E or LOS F). The proposed project is considered a "small project" and would not have an adverse local or regional traffic impact (ATE 2023). For this reason and given the low ambient concentrations in the project area and that the area is current designated attainment for CO, implementation of the proposed project is not anticipated to contribute to localized mobile-source CO concentrations that would exceed applicable ambient air quality standards. This impact is considered *less than significant*.

Toxic Air Contaminants. If a project has the potential to emit toxic air contaminants (TACs) or is located in close proximity to sensitive receptors, long-term impacts may be considered significant due to increased cancer risk for the affected population. The proposed project is not expected to include the installation of stationary sources of TACs. As a result, this impact would be considered *less than significant*.

Mitigation Measures

Mitigation Measure AQ-2. To reduce potential exposure to localized pollutant concentrations associated with construction activities, Mitigation Measure AQ-1 and the following additional measure shall be implemented:

- Demolition of on-site structures shall comply with the National Emission Standards for Hazardous Air Emissions requirements (NESHAP, 40 CFR, Part 61, Subpart M) for the demolition of existing structures. The SBCAPCD is delegated authority by the Environmental Protection Agency (EPA) to implement the Federal NESHAP requirements, including requirements pertaining to the handling of asbestos-containing material and lead-based paint. Prior to demolition of on-site structures, the SBCAPCD shall be notified, per NESHAP requirements. Additional information may be obtained at SBCAPCD's website, URL: https://www.ourair.org/asbestos/.

Significance After Mitigation

Required mitigation would implement dust-control measures for ground-disturbing activities, as well as measures for the control of construction equipment emissions, including emissions of diesel particulate matter. Implementation of PM emission measures would reduce emissions of fugitive dust by approximately 50 percent, or more. In addition, demolition activities would be required to comply with applicable regulatory requirements for the handling of hazardous materials, including federal NESHAP requirements. With mitigation and compliance with applicable regulatory requirements, this impact would be considered *less than significant*.

d. The occurrence and severity of odor impacts depend on numerous factors, including the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of the receptors. While offensive odors rarely cause any physical harm, they still can be very unpleasant, leading to considerable distress among the public and often generating citizen complaints to local governments and regulatory agencies. Projects with the potential to frequently expose members of the public to objectionable odors would be deemed to have a significant impact.

The proposed project would not result in the installation of any equipment or processes that would be considered major odor-emission sources. However, construction of the proposed project would involve the use of a variety of gasoline or diesel-powered equipment that would emit exhaust fumes. Exhaust fumes, particularly diesel-exhaust, may be considered objectionable by some people. In addition, pavement coatings and architectural coatings used during project construction would also emit temporary odors. However, construction-generated emissions would occur intermittently throughout the workday and would dissipate rapidly with increasing distance from the source. In addition, the project would be required to comply with SBCAPCD Rule 303 that prohibits the discharge of air contaminants or other material that would cause injury, detriment, nuisance, or annoyance to any considerable number of persons. As a result, short- term construction activities would not expose a substantial number of people to frequent odorous emissions. For these reasons, potential exposure of sensitive receptors to odorous emissions would be considered *less than significant*.

Findings and Mitigation: Mitigation Measures AQ-1 and AQ-2 as described above would be required to address potential impacts related to air emissions. With mitigation, all emissions-related impacts would be reduced to a less than significant level. Impacts related to consistency with regional air quality plans and impacts related to odors would be less than significant without mitigation.

	Potentially Significant Impact	**Potentially Significant Unless Mitigation Incorporated**	**Less than Significant Impact**	**No Impact**
IV. BIOLOGICAL RESOURCES – Would the project result in:				
a) Have a substantial adverse effect on any species identified as a candidate, sensitive, or special status species in local or regional		X		

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES – Would the project result in:				
plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?		X		
c) Have a substantial effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?		X		
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?		X		
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

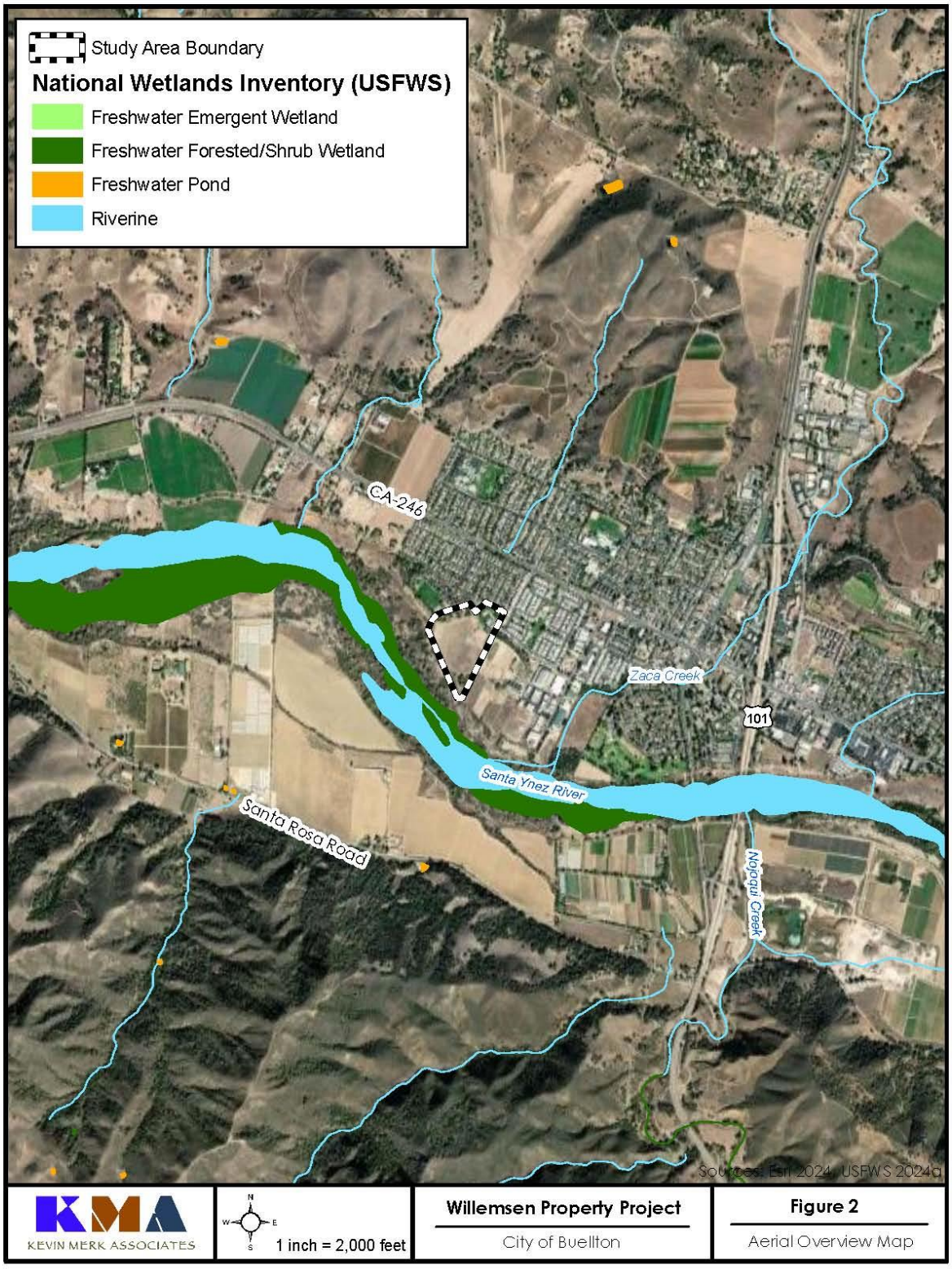
The biological impact analysis was conducted by Kevin Merk Associates (KMA).

Setting

The proposed project is located at 202 Dairyland Road in the City of Buellton (Figure 1). The 24-acre property is located to the west of U.S. Highway 101 at the southern terminus of Dairyland Road south of State Route 246 (Figures 2 and 3). The property was previously owned by the Willemsen family and used as a dairy farm for decades, and was purchased by the City of Buellton in 2020. The upper (northeastern) approximately 4-acres of the site has an existing residence (approx. 3,200 square feet); an historic two-story dairy barn (7,000 square feet); and, an open storage shed formerly used as a tractor barn (1,600 square feet). The lower (southwestern) approximately 20 acres of the site is within a level floodplain area that was formerly used for hay farming and is undeveloped. A portion of this area is used as a , horse

stables/riding facility, and is highly disturbed through mowing, disking and other activities. Elevations on the property range from 313 feet to 350 feet above mean sea level.


Site Location
1 inch = 1,000,000 feet
San Jose
Fresno
CALIFORNIA
Los Angeles
San Diego
Site Location
Buellton
Gaging Station
Gaging Stations
Solvang
Mission Santa Ines
Wells
Gaging Station
Source: Esri 2022
KEVIN MERK ASSOCIATES
1 inch = 8,000 feet
Willemsen Property Project
City of Buellton
Figure 1
Site Location Map


Study Area Boundary
National Wetlands Inventory (USFWS)
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Riverine
CA-246
Zaca Creek
101
Santa Ynez River
Santa Rosa Road
Nojoqui Creek
Sources: Esri 2024, USFWS 2024a
KEVIN MERK ASSOCIATES
1 inch = 2,000 feet
Willemsen Property Project
City of Buellton
Figure 2
Aerial Overview Map



Buellton lies within the western Santa Ynez Valley in northern Santa Barbara County. The project site is within the southwestern portion of the City limits. The area surrounding Highway 246 is residential with commercial uses near Highway 101. River View Park is immediately to the northwest and the Buellton Wastewater Treatment Plant is immediately to the southeast. The Meadow Ridge residential development lies to the northeast through which the site would be

accessed. The Santa Ynez River floodplain lies along the property's southwestern border and is an approximately 1,500-foot-wide corridor of riparian woodland, coastal scrub, and riverine habitat. The river originates between the eastern Santa Ynez and Santa Rafael mountains and empties into the Pacific Ocean west of Lompoc.

Methods

KMA conducted a desktop review of natural resources databases, maps, literature and online sources to identify special-status biological resources documented from the region that may be present on or near the project site. Special-status species are those plants and animals listed, or Candidates for listing, as Threatened or Endangered by the United States Fish and Wildlife Service (USFWS) under the federal Endangered Species Act (FESA); federal Birds of Conservation Concern (USFWS 2023); those listed as Threatened or Endangered under the California Endangered Species Act (CESA); animals designated as "Species of Special Concern," "Fully Protected," or "Watch List" by the California Department of Fish and Wildlife (CDFW); plants considered Endangered or Rare under the California Native Plant Protection Act; and, animals considered sensitive that do not have a specific listing status but which are recorded in the California Natural Diversity Database (CNDDB; CDFW 2023a) and/or CDFW's (2023b) *Special Animals List*. Rare plants are those defined as having a California Rare Plant Rank (CRPR) of 1A, 1B, 2A, 2B, 3 or 4 (CDFW 2023c). Raptors (e.g., eagles, hawks, and owls) and their nests are protected under both federal (Migratory Bird Treaty Act [MBTA]) and state (California Department of Fish and Game 2001) regulations. Critical habitat is designated for species listed under FESA, and are areas that contain the physical or biological features which are essential to the conservation of those species and may need special management or protection. Sensitive natural communities are those native plant communities listed in the CNDDB (CDFW 2023a) as rare or of limited distribution. Although a formal delineation of drainages and wetlands was not conducted, but KMA conducted an assessment of drainages and associated riparian habitat consistent with definitions and guidance provided by the United States Army Corps of Engineers (USACE), Regional Water Quality Control Board (RWQCB) and CDFW.

Time-series aerial photography (Google Earth) was reviewed to obtain information on the history of land use on the site and immediate area. KMA Principal Biologist Kevin Merk conducted several focused surveys of the property on September 29 and November 11, 2022 to assess site conditions. Another survey was conducted on May 15, 2023 to assess vegetation composition on the site. All plant and animal species observed during the surveys were recorded, and identified to a sufficient level to determine rarity status. Habitat types, representing land use and plant communities, were mapped on ESRI (2023) aerial imagery. Land use types followed *A Guide to Wildlife Habitats in California*, which is updated through the California Wildlife Habitat Relationships (CWHR) System (California Department of Fish and Wildlife [CDFW] 2023e). Designation of plant communities generally followed Holland's (1986) *Preliminary Descriptions of the Terrestrial Natural Communities of California*. Sawyer et al.'s (2009) *Manual of California Vegetation* and *VegCAMP* (CDFW 2022d) was also referenced.

The *Web Soil Survey* (Natural Resources Conservation Service [NRCS] 2023) was used to identify the soil mapping units present within the study area. The *National Wetlands Inventory* (NWI) was examined to evaluate the extent of any identified wetlands on the site and in the vicinity (USFWS 2023a). USGS topographic maps were also reviewed for information on hydrologic and topographic features. A query of the CNDDB was conducted to generate

occurrence records of special-status biological resources (plants, animals and sensitive natural communities) documented within five miles of the project site, which included the quadrangles: Los Alamos, Zaca Creek, Santa Rosa Hills and Solvang. For the list of special-status species identified in the search, local distribution and ecological information was obtained from a variety of online and published sources (Jennings and Hayes 1994, Bolster 1998, Moyle et al. 2015, Thompson et al. 2016, Audubon 2023, Calflora 2023, California Native Plant Society [CNPS] 2023, California Herps 2023, The Cornell Lab of Ornithology 2023a, 2023b; CDFW 2023e) and compiled within the attached Special-status Biological Resources Summary. Designated critical habitat for plant and animal species listed under FESA was identified and mapped based upon information provided in *Environmental Conservation Online System* (USFWS 2023b).

Appendix F includes a list of special-status species known to occur within the project vicinity. An evaluation of those species with potential to occur in the study area was performed based upon the suitability of habitat conditions on the property and the local distribution (geographical and elevational ranges) and specific requirements (plant communities and soils) of the species considered. Those species considered as "Potential" met the following requirements: records in the site vicinity, appropriate plant community and/or soil associations onsite, and within the elevational range of the species. If any one of the criteria used for determining potential for occurrence was not met or considered to be marginal for the site, but the other elements were present, that species was considered "Unlikely". If onsite environmental conditions were clearly inappropriate, the particular plant was not observed during the surveys, or the species has a limited distribution that does not overlap the site, those species were considered "Not Expected". If the onsite conditions met the requirements of any lifestage or particular life history use (i.e., foraging) for wildlife while other aspects were inappropriate for certain functions (i.e., breeding), these species were considered to have Potential to occur and the likelihood of their occurrence onsite is summarized in the table and analyzed fully with regard to species ecology in the text.

Results

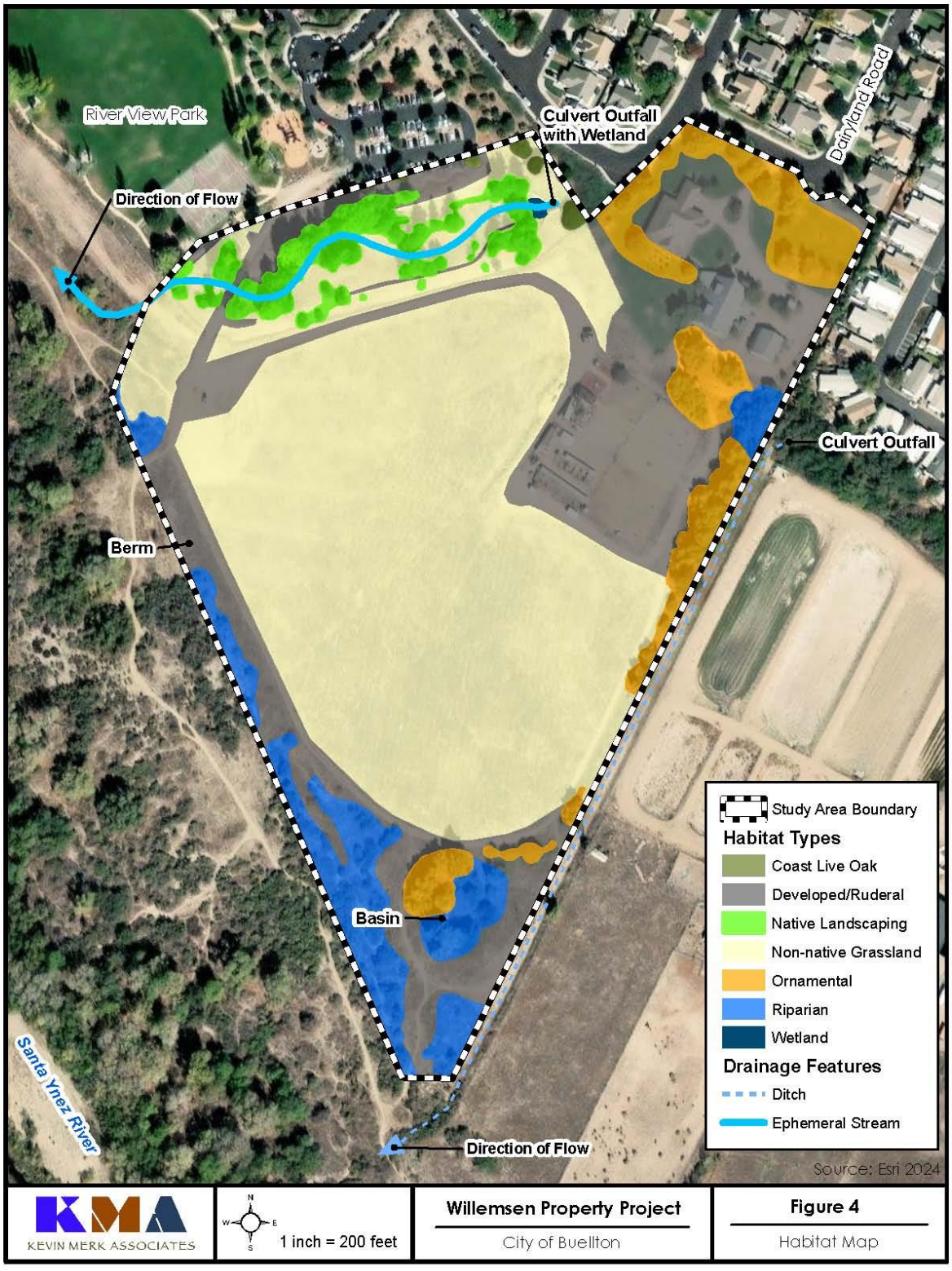
Soils. Four soil types are present in the study area occurring in bands along the slope down to the river (Figure 3). Santa Ynez gravelly fine sandy loam, 2 to 9 percent slopes, is in the uppermost portion. This unit occurs on terraces and is a gravelly loam formed from alluvium (NRCS 2023). Most of the existing facilities are located on Mocho sandy loam, overflow, which is found in floodplains and derived from alluvium. It is a sandy loam and is well drained (NRCS 2023). Midway down the gentle slope is Camarillo, very fine sandy loam, which is also found in floodplains and derived from alluvium. This unit is somewhat poorly drained and is rated as a hydric soil (NRCS 2023). A large proportion of the study area, occupying the lower area adjacent to the river channel, is Corducci and Typic Xerofluvents, 0 to 5 percent slopes, occasionally flooded. This unit is found on stream terraces, floodplains and alluvial fans. It is a mixed alluvium derived from igneous and sedimentary rock. It is composed of sand, with finer grain at the surface, is somewhat excessively drained, and is not considered to be a hydric soil (NRCS 2023).

Habitat Types. The upper portion of the site with the residence and barns was mapped as Developed/Ruderal in Figure 4. This area had structures, ornamental trees, an improved driveway and parking, and irrigated lawn. In a contiguous area downslope, an equestrian center has been developed with stables, paddocks and a portable office building. A berm along the river corridor had weedy growth of non-native species, pedestrian and horse trails, and an unimproved ranch road and was considered to be Ruderal (i.e., disturbed). Other ruderal areas

were unpaved ranch roads around the former hay field, a graded area around an old agricultural basin, and roadways/trails through the River View Park area where site access would occur. Ruderal areas have a high percentage of bare ground and growth of weedy species, including summer mustard (*Hirschfeldia incana*), telegraph weed (*Heterotheca grandiflora*), Canadian horseweed (*Erigeron canadensis*), jimsonweed (*Datura wrightii*) and grasses characteristic of the non-native grassland habitat type. Scattered coyote brush (*Baccharis pilularis*) and Menzies' goldenbush (*Isocoma menziesii*) were becoming established on the berm and spreading out from the river channel. These anthropogenic areas and disturbed areas with a predominance of weeds are not considered to be a native plant community. The Developed/Ruderal land use type in the study area is considered Urban and Ruderal areas with a high proportion of bare ground would be considered Barren under the CWHR system (CDFW 2023e).

The former hayfield was fallow at the time of the surveys and had sparse growth of Non-native Grassland species. This area has been disturbed by farming practices over many years and is mowed regularly, and has been disked in recent years. This long period of disturbance has resulted in a high proportion (greater than 50% of the areal cover in some areas) of bare ground and a predominance of non-native species adapted to disturbance and agricultural areas. Plants observed in this part of the site included slender wild oat (*Avena barbata*), wall barley (*Hordeum murinum*), ripgut brome (*Bromus diandrus*), and soft chess (*Bromus hordeaceus*). Although sparsely vegetated and verging on Ruderal, this habitat type was classified as Non-native Grassland as described by Holland (1986) and Wild Oats and Annual Brome Grasslands semi-natural alliance under Sawyer et al. (2009).

Ornamental trees and shrubs were planted along the north, south and eastern edges of the property (Figure 4), and were also considered part of the Developed habitat type described above. In addition, areas of River View Park within the study area have been planted with a variety of native species as part of the landscaping efforts. Ornamental species around existing development included Peruvian pepper tree (*Schinus molle*) and various pines (*Pinus* spp.). This is an anthropogenic habitat type and would fall under Urban in the CWHR system (CDFW 2023e). The native plantings in the western part of the study area included a number of western sycamore trees (*Platanus racemosa*) that were installed along a constructed seasonal stream (identified on Figure 4 as an Ephemeral Stream). This small ephemeral stream directs surface runoff from surrounding developed areas towards the Santa Ynez River corridor. As shown on Figure 4, an outfall structure is present and this entire area is regularly maintained by the City of Buellton. Due to nuisance flow from irrigation runoff, a small wetland was present at the culvert outfall and consisted of several rushes (*Juncus* spp.) and cattails (*Typha* sp.).

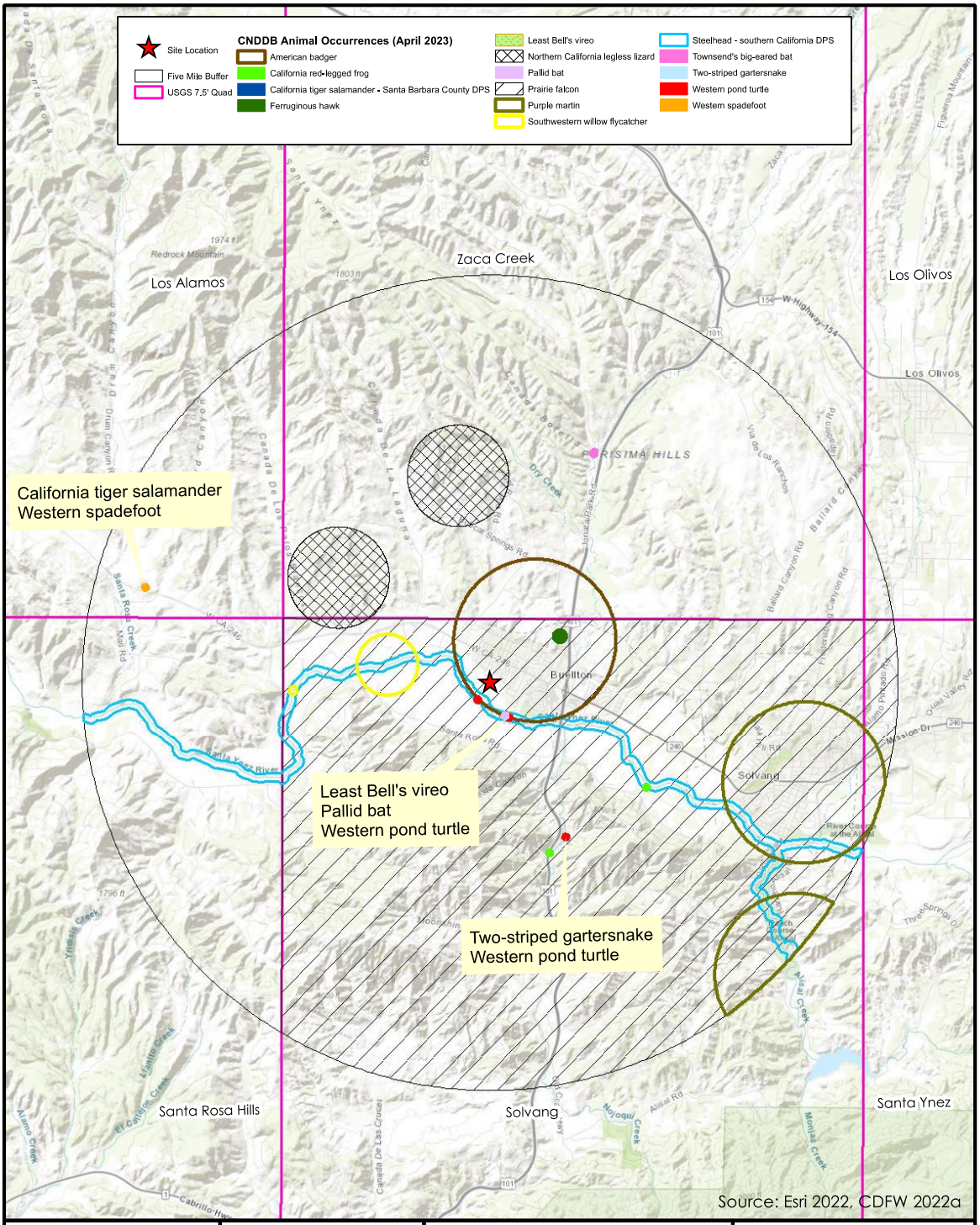


Riparian habitat was present along the river corridor, within an old basin in the southern corner of the property, and in a band to the north of the wastewater treatment plant that slightly extended onto the site (Figure 4). The dominant species along the river corridor that extended onto the property were narrow-leaf willow (*Salix exigua* var. *exigua*), with an occassional Fremont cottonwood (*Populus fremontii*) andblue elderberry (*Sambucus mexicana*). Coyote

brush was also present throughout the area. This habitat type along the river corridor would fall under the Southern Willow Scrub described by Holland (1986), and the Sandbar Willow Thickets or Fremont Cottonwood Forest and Woodland alliances under Sawyer et al. (2009). It is highly disturbed from historic farming and very patchy in distribution, and is mixed with coastal scrub species adapted to drier conditions. An old basin had Fremont cottonwood and what appeared to be a planted black walnut (*Juglans* sp.), along with a large Canary Island date palm (*Phoenix canariensis*), ornamental trees/shrubs and numerous weedy species. This area merged with Ruderal habitat around the edges containing poison hemlock (*Conium maculatum*) and Peruvian pepper tree. A band of Riparian habitat to the north of the wastewater treatment plant that extended onto the property was dominated by arroyo willow (*Salix lasiolepis*), along with coast live oak and coyote brush. This assemblage most closely resembles the Southern Willow Scrub described by Holland (1986). It would also fall under the arroyo willow series under Sawyer et al. (2009). Please refer to Figure 4 for more detail.

Special-status Plant Species. A majority of the study area, and the entire impact area, has been developed for urban (recreational), residential and dairy farm uses and the lower field has been used for hay farming. Due to this history of disturbance, there is no suitable habitat for special-status plant species to occur. There were only four species recorded within five miles in the CNDDB (Figure 5) and none of these were determined to have potential to occur onsite based upon habitat requirements and local distribution (see Special-status Biological Resources Summary). The May 2023 survey confirmed the site is highly disturbed with a predominance of weedy species, and no special status plants are present.

Special-status Animal Species. Of the 15 special-status animal species recorded within five miles of the site in the CNDDB (Figure 6), 10 were determined to have potential to occur onsite. Although the site has been developed for urban (recreational), farming and residential uses and is unsuitable for supporting important life history functions of many of these species (i.e., breeding), the Santa Ynez River corridor has native vegetation, a water source and connectivity to other habitat areas. Several special-status animal species could inhabit the river channel and move onto the site periodically while foraging or moving through the area. Several of these species may also use the project site for breeding. These species, their status, and an evaluation of potential for occurrence are summarized below.



KEVIN MERK ASSOCIATES

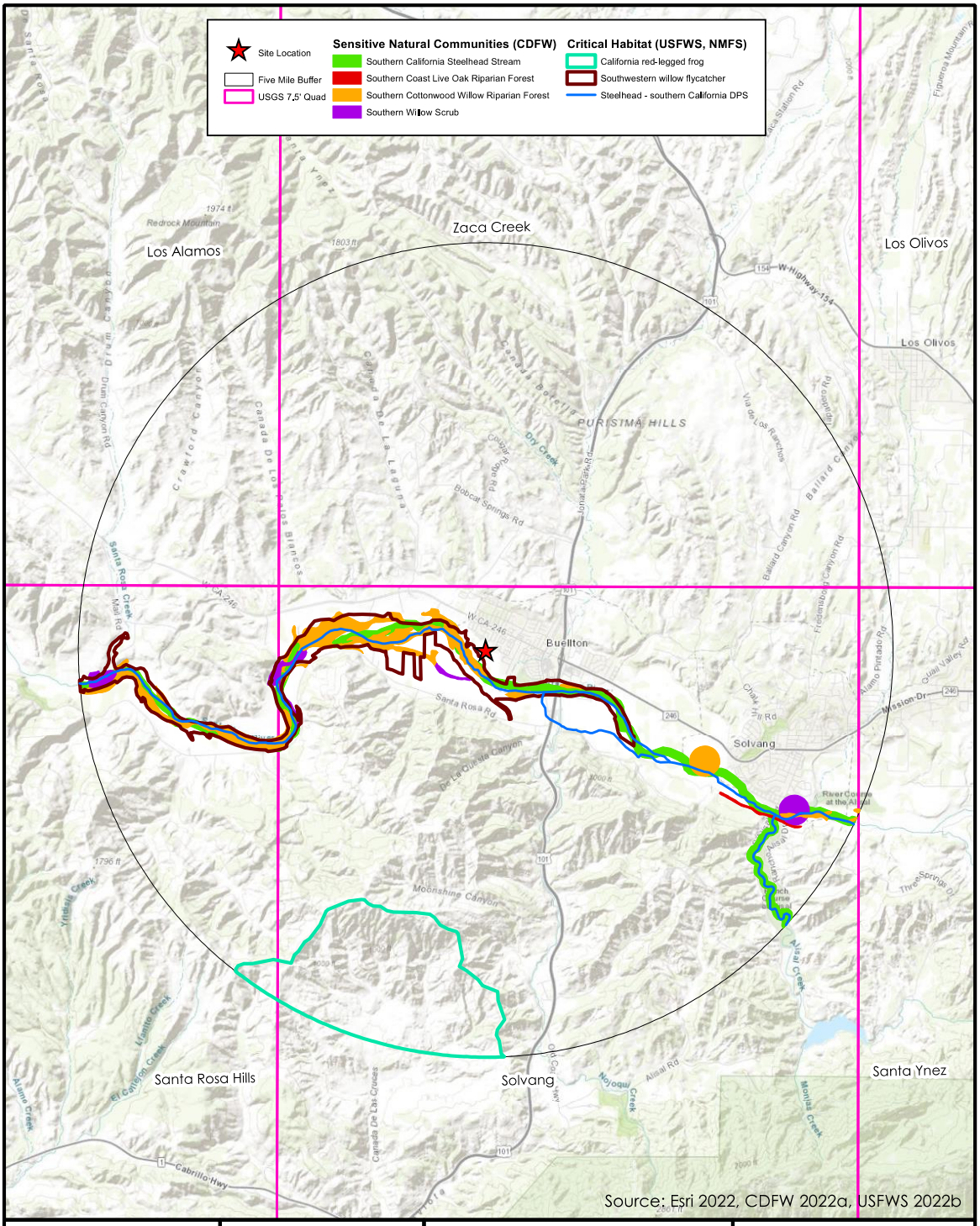
1 inch = 8,000 feet

Willemsen Property Project

City of Buellton

Figure 6

CNDDB Animal Occurrences Map


Site Location
Five Mile Buffer
USGS 7.5' Quad
Sensitive Natural Communities (CDFW)
Southern California Steelhead Stream
Southern Coast Live Oak Riparian Forest
Southern Cottonwood Willow Riparian Forest
Southern Willow Scrub
Critical Habitat (USFWS, NMFS)
California red-legged frog
Southwestern willow flycatcher
Steelhead - southern California DPS
Zaca Creek
Los Alamos
Los Olivos
PURISIMA HILLS
Buellton
Solvang
Santa Rosa Hills
Santa Ynez
Source: Esri 2022, CDFW 2022a, USFWS 2022b
KEVIN MERK ASSOCIATES
1 inch = 8,000 feet
Willemsen Property Project
City of Buellton
Figure 7
Sensitive Natural Communities/ Critical Habitat Map

California Red-legged Frog (*Rana draytonii*)
This species is federally Threatened and is a CDFW Species of Special Concern. It uses a variety of freshwater aquatic habitats with water deeper than two feet for breeding and foraging. During winter rains individuals move into adjacent riparian habitats and may undergo dispersal or breeding migrations through upland habitats primarily within 1 mile of the aquatic sites in which they reside. They have been recorded in Nojoqui Creek, Zaca Creek and the Santa Ynez River as well as numerous other locations beyond five miles from the site (CDFW 2023a). Suitable aquatic habitat is present in the Santa Ynez River and wastewater treatment ponds adjacent to the study area, but no aquatic habitat is onsite. If individuals use offsite aquatic habitats, there is a chance that they could move through the study area during winter rains, but this may be unlikely given the lack of suitable cover to hide from predators. They could occupy riparian habitat onsite where there is cover for prolonged periods during the winter, but this area will not be impacted by the project.

Northern California Legless Lizard (*Anniella pulchra*)
This species is a CDFW Species of Special Concern that inhabits a variety of shrub and woodland habitats, generally with sandy soils but also in areas with leaf litter or cover objects that provide moisture for this fossorial animal. There are records of this species from the Purisima Hills near Buellton (CDFW 2023a) and the site is within the range of the species (Thomson et al. 2016). This species could occur year-round and breed in the Riparian habitat along the River corridor, and to a lesser degree in the Ornamental habitat that is outside the historic soil disturbance footprint.

Southwestern (=western) Pond Turtle (*Actinemys pallida* [=*Emys marmorata*])
This species is a CDFW Species of Special Concern that inhabits aquatic habitats, such as ponds, river pools, marshes and irrigation ditches, throughout most of the year. It uses grasslands within 500 feet of aquatic sites for nesting, and they undergo overland movements through upland habitats during the winter and when aquatic sites dry. They have been documented from the Santa Ynez River adjacent to the site (CDFW 2023a). No suitable aquatic habitat is present in the study area, but due to the proximity of the site adjacent to the river individuals could use upland habitat onsite for foraging, and potential exists for nesting to occur along the berm and outer limits of riparian scrub on the southwest property line. The open sandy soils in the area mapped as non-native grassland habitat are highly disturbed from farming and mowing, as well as horseback riding and hiking, and are unlikely to be used for nesting.

Ferruginous Hawk (*Buteo regalis*)
This species is on the CDFW Watch List for wintering and is a federal Bird of Conservation Concern. They occur in this region during the winter when they forage for small mammals in open habitats. There are numerous observations recorded from the Santa Ynez Valley, including within Buellton (CDFW 2023a, The Cornell Lab of Ornithology 2023a). There is a slight possibility that individuals could forage over the site periodically, but a significant prey base was not observed during surveys. They do not nest in this area.

Prairie Falcon (*Falco mexicanus*)
This species is on the CDFW Watch List for wintering and is a federal Bird of Conservation Concern. They occur in this region year-round where they forage in a variety of open habitats including agricultural areas and feedlots. They nest on high cliff ledges and steep bluffs overlooking open areas. There are numerous records from the Santa Ynez Valley and one recent

observation from River View Park (The Cornell Lab of Ornithology 2023a). They could forage onsite periodically but there is no suitable nesting habitat in the area.

Purple Martin (*Progne subis*)
This species is a CDFW Species of Special Concern for nesting, and they nest in coniferous and sycamore woodlands or within artificial structures. Foraging is within developed areas, parks, fields, dunes, riparian areas and woodland. They occur in this area during the breeding season. Although historically recorded as breeding in the Santa Ynez Valley (CDFW 2023a), all recent breeding records are from Quiota and Alisal creeks, which are not in close proximity to the site (The Cornell Lab of Ornithology 2023a). Individuals could occur as transients while moving around the area.

Southwestern Willow Flycatcher (*Empidonax traillii extimus*)
This species is both federally and state listed as Endangered. This species is dependent on riparian habitat with dense willows. They are neotropical migrants that formerly bred in this region but now only occur in the spring and fall. Breeding pairs were recorded in the Santa Ynez River just downstream from Buellton until 2012, but more recently only solitary individuals have been seen (Lehman 2022). Dense riparian along the river channel offsite may be suitable for breeding and individuals could use riparian habitat along the margins of the property periodically, but onsite areas are not sufficiently dense or close enough to aquatic sites to support breeding. Extensive surveys occurred for this species during the development of River View Park and did not locate nesting pairs on that site.

American Badger (*Taxidea taxus*)
This species is a CDFW Species of Special Concern that occurs in grasslands, fields, scrubland edges, and woodland habitats. They excavate dens in dry, friable soils and feed on a variety of small mammals. There are several records of this species near the site but all are from at least 30 years ago (CDFW 2023a). Suitable habitat remains throughout the area, and individuals could move through the Santa Ynez River corridor and onto the study area periodically. There is a chance that they could forage or den onsite but the probability is low due to the lack of a significant prey base and degree of human activity surrounding the other three sides of the site.

Pallid bat (*Antrozous pallidus*)
This species is a CDFW Species of Special Concern that occurs in a variety of arid habitats throughout the state. They roost in rock outcrops, caves, crevasses, mines hollow trees and buildings. This species was recorded along the Santa Ynez River near the site (CDFW 2022a). They could fly over the site while foraging, and potentially could roost in outbuildings or large trees with cavities in the study area.

Townsend's big-eared bat (*Corynorhinus townsendii*)
This species is a CDFW Species of Special Concern that prefers mesic habitats although also is found in dry scrubland. Roosting is in rocky cliffs with crevasses, and they also use mines, tunnels, abandoned buildings and bridges. Individuals and roost sites have been recorded near the study area (CDFW 2022a). They could fly over the site while foraging and potentially could roost in outbuildings.

Designated Critical Habitat. No federally-designated critical habitat is present on the property. Designated critical habitat for the southern California Distinct Population Segment (DPS) steelhead (*Oncorhynchus mykiss irideus*; pop. 10) is present within the Santa Ynez River but

does not occur within the study area (Figure 7). The limits of critical habitat are confined to the river channel below the Ordinary High Water Mark. Southwestern willow flycatcher critical habitat is also present along the river corridor adjacent to the site, but does not extend onto the site. Furthermore, the site does not contain the necessary habitat elements to support breeding habitat by this species. Designated critical habitat for the California red-legged frog is within five miles of the site but does not include the study area.

Protected Nesting Birds. In addition to the special-status bird species listed above, species protected under the MBTA and/or California Department of Fish and Game Code could nest in the riparian, developed, ornamental or grassland habitats onsite.

Sensitive Natural Communities and Riparian Habitats. The riparian habitat along the Santa Ynez River would be considered a CDFW sensitive natural community. Along the active channels is more well-developed forested habitat that can be classified as Southern Cottonwood-Willow Riparian Forest (State Rarity Rank S3.2). Further away from the active channels, the forested habitat segues into a more scrub like plant community, and this habitat is what extends onto the southwestern part of the property. The riparian habitat onsite would be classified as Southern Willow Scrub (State Rarity Rank S2.1). Both of these habitats are mapped in the CNDDB along the river, and field observations confirmed their presence (Figure 7). These communities meet the threshold under CEQA and would be considered a protected resource by the City under *General Plan* policies. The riparian area along the river that extends onto the property is expected to fall under the jurisdiction of the RWQCB under the Clean Water Act Section 401 and the Porter-Cologne Water Quality Control Act, and CDFW under California Fish and Game Code Section 1602. It is not expected to meet the federal definition of a wetland or non-wetland waters of the U.S. The small swath of riparian habitat to the north of the wastewater treatment plant may also be a protected community given its proximity to an outfall structure and historic drainage feature. The riparian habitat in the old basin in the southern corner of the site has colonized this constructed feature, and is invaded by various non-native species. The basin was likely constructed during the dairy operations onsite, and is disjunct from river and does not appear to meet the criteria as a federally protected feature under the Clean Water Act. It is likely that CDFW and RWQCB would claim jurisdiction over the feature given the presence of riparian habitat in the river floodplain. The planted sycamore trees on the River View Park property would not be jurisdictional or a sensitive natural community since they were planted and are maintained as a component of the park.

The CNDDB maps Southern California Steelhead Stream as a sensitive natural community along the Santa Ynez River. The CNDDB groups this designation with sensitive plant communities although it is a wildlife habitat. The limits of steelhead habitat are confined to the active channels of the river and do not occur onsite.

Wetlands and Drainages. A small patch of wetland habitat was observed at the outfall structure in the north corner of the study area. Based on the presence of rushes and cattails, at least two of the three wetland criteria (i.e., dominance of hydrophytes and positive indicators of wetland hydrology) are present on the subject property. The sandy and fine sandy loam soils do not appear to support ponding or prolonged soil saturation sufficient to establish hydric soils. No clay hardpan is present in this area that could support vernal pools. The basin in the southern part of the site was apparently constructed by past farming operations, and did not contain evidence of supporting any ponded water, even after the above average rain season experienced in 2022-2023.

The proposed access to the new parking lot would cross this small ephemeral drainage constructed on the River View Park property. Access would also utilize an existing dirt road crossing in the northwest part of the site. While a formal jurisdictional delineation has not been conducted, the ephemeral swale or stream feature was constructed during park development, and based on historic aerial photograph review, this area did not support any established riparian or wetland vegetation. Recent field work confirmed the area is maintained as part of the park and did not support any true riparian vegetation beyond the landscape plantings associated with the park. A small patch of emergent marsh wetland habitat was present at the outfall where the culvert daylights from under residential development, just offsite (Figure 4). The USGS topographic quadrangle and NWI do not show a drainage in this location, and the marshy vegetation area did not contain any surface water deeper than four inches during the surveys (Figures 2 and 4). The vegetation is confined to the outfall and is being supported by nuisance drainage from the residential development. It is not known if other roadway drainage and storm drain infrastructure add to the hydrology at this location, but no significant nexus or clearly defined drainage channel was present connecting this feature to the active channels of the Santa Ynez River. Given current regulatory guidance (Sackett v. EPA, 2023), it is unlikely that this ephemeral drainage or small patch of wetland vegetation at the outfall structure would be regulated under the Clean Water Act as a waters of the United States. The RWQCB and CDFW could potentially claim jurisdiction over this ephemeral stream and associated wetland habitat along with the riparian habitat mapped on Figure 4 . While riparian habitat in the south and east parts of the study area will be avoided, consultation with RWQCB and CDFW will be required to determine the jurisdictional status of this ephemeral stream/drainage feature originating from the culvert in the north.

A constructed ditch also runs offsite along the eastern property boundary. It originates from a culvert outfall under residential development and is vegetated by upland non-native grassland species. The ditch appears to be regularly mowed. The ditch is not shown on the USGS topographic quadrangle or NWI, nor does it have a defined drainage upstream from urban development. It was probably constructed to divert stormwater from urban development around the wastewater treatment plant. Therefore, it is not expected to be jurisdictional, and current project plans do not show any impacts on this feature.

Impact Analysis

a. The following discussion relates to impacts to candidate, sensitive, or special status species identified in applicable regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.

Special-Status Plants. No special-status plant species were determined to have potential to occur onsite; thus, no special-status plant species would be directly impacted by the project. There is no suitable habitat in adjacent areas that could support special-status plant species and there would be no indirect effects from project activities. Therefore, there would be *no impact* of the project on special-status plant species and no additional surveys or mitigation is needed.

Special-Status Animals. The project involves the construction of sports fields, parking areas, an access road, and associated facilities such as restrooms. The various elements of the

project are expected to be constructed during different phases, and the time of year when construction would begin has not been specified. Vegetation removal and ground disturbance could directly affect individuals of special-status animal species should they be onsite during construction, such as nesting birds. The project will not remove riparian habitat and will buffer the Santa Ynez River corridor with any significant development features such as buildings or parking lots. Improvements to the outbuildings and tree removal could also potentially affect roosting bats. These direct impacts are expected to be temporary and limited to the time that construction takes place. It is expected that construction would occur during the dry season when aquatic species such as the California red-legged frog and southwestern pond turtle are typically restricted to aquatic sites. Individuals of the following species could possibly be directly impacted by project construction: California red-legged frog (if construction occurs in winter rain season), northern California legless lizard, southwestern pond turtle (if construction occurs in winter rain season), American badger, pallid bat, Townsend's big-eared bat and nesting birds. Although this investigation determined that no suitable nesting habitat is present within the project area for least Bell's vireo or southwestern willow flycatcher, the City's *General Plan* requires that surveys for these species be conducted for any development located within 500 feet of the Santa Ynez River. Mitigation is described below for the animal species that may be directly affected by project construction to bring the level of effects to *less than significant*.

Permanent impacts of habitat loss are expected to be *less than significant* because the project impact area (largely Developed/Ruderal and disturbed Non-native Grassland aka historic hay field) does not contain any significant natural resources that could support populations of these species. Therefore, no mitigation is required for habitat loss.

Minor effects could occur on bird and bat species that use the site for foraging such as a temporary disruption of activities, but foraging would resume after each phase is constructed. California red-legged frogs and southwestern pond turtles could access upland areas of the site for movement and dispersal during wet periods, but are not expected to use the non-native grassland or disturbed areas for upland refuge due to lack of cover. Adverse effects on movement and dispersal would be temporary as these species could continue to use the area after the playing fields have been built. The lower portion of the site has been farmed in the past and construction of the play fields would not substantially change these characteristics. Additionally, riparian habitat along the river or south side of the property, which has higher habitat values, would not be affected. Temporary effects on transient wildlife use of the project area during construction would be *less than significant*.

Increased human activity from the future on-going use of the site would generate noise, increased vehicle trips, trash, potential pesticide use, night lighting, trespass into the river corridor, and other disturbance. These activities could indirectly affect wildlife use of adjacent areas, including disrupting foraging, nesting, roosting and denning behavior. Similar to River View Park, fencing, signage and other methods would be used to buffer human activities from the river habitats. Given surrounding land uses, the effects of on-going increased human activity are expected to be *less than significant*.

No designated critical habitat would be directly affected, and construction Best Management Practices (BMPs) would be implemented during site development to ensure runoff from disturbed areas does not enter the river corridor and indirectly affect steelhead critical habitat. Mitigation measures to be implemented during construction are required to reduce indirect effects. Project effects on southern California steelhead DPS critical habitat are *less than*

significant with mitigation. The riparian habitat along the western edge of the study area is outside of the project impact area; therefore, there would be *no effect* on southwestern willow flycatcher critical habitat.

Protected Nesting Birds. Construction activities during the avian breeding season (February 1 to August 31) could interrupt nesting behavior, leading to the abandonment of nests containing eggs or young, causing their mortality. Direct effects on protected nesting birds may occur during tree removal, such as for the possible expansion of the Children's Museum play area or construction of the access road, or for construction of the play fields on species that nest in grassland habitats. Birds could also nest in the riparian and ornamental habitats onsite in close enough proximity to construction noise that their behavior may be disrupted. In addition to the special-status bird species with potential to occur in the area, nesting activities of common species of birds protected under the Migratory Bird Treaty Act and California Fish and Game Code could be affected by the project. Impacts on nesting birds are considered *less than significant with mitigation*.

b. The following discussion relates to impacts to riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.

Sensitive Natural Communities and Riparian Habitats. The proposed Children's Museum play area is adjacent to and possibly within Southern Willow Scrub riparian habitat along the slope adjacent to the existing developed area. This habitat may be a CDFW sensitive natural community and is considered a sensitive biological resource by the City. While the riparian habitat along the river is outside of the disturbance footprint, the small patches of riparian habitat elsewhere on the site should be avoided by project activities. The City requires a 200-foot setback from the bank of the Santa Ynez River, and if public or private development encroaches into the setback, riparian vegetation shall be replaced or restored or a mitigation fee shall be paid. Project impacts on sensitive natural communities and riparian habitats would be considered *less than significant with mitigation*.

c. The following discussion relates to impacts to federally protected wetlands as defined by Section 404 of the Clean Water Act.

State or Federally Protected Wetlands. Construction of the access driveway from River View Park would cross an ephemeral drainage using an existing dirt road crossing as well as a new improved road crossing. This drainage feature identified as an ephemeral stream on Figure 4 was constructed, during development of River View Park. It now has periodic flow from surrounding urban runoff. Installation of a new culvert and associated rock slope protection would likely require permitting from the RWQCB and CDFW, and these agencies will be consulted during project planning to evaluate the extent of their jurisdiction over the feature. Further evaluation of this feature would be needed during the development of final construction plans to determine the extent of disturbance and associated mitigation required. If the drainage feature s is impacted, permitting from the agencies may be needed. As previously stated, based on current regulatory guidance, it appears that the area would not be subject to the USACE pursuant to section 404 of the Clean Water Act. To support permitting a delineation of jurisdictional areas (aka a wetland delineation) would be required. As a condition of any permit issued by state or federal regulatory agencies, compensatory mitigation may also be required

under the preparation of a *Compensatory Mitigation and Monitoring Plan*. If these measures are followed, project impacts on state protected wetlands or other jurisdictional areas would be considered *less than significant with mitigation.*

d. The following discussion relates to impacts regarding wildlife movement or effects on migratory wildlife corridors.

Movement of Fish or Wildlife, Wildlife Corridors or Nursery Site Impacts. No suitable aquatic habitat for native fish is present in the project area, and there would be no indirect effects on offsite areas. The project site is disturbed from many years of farming and more recent urban development, and the area would not be used as a wildlife corridor. As such, construction and operation of the project would not affect wildlife movement through the adjacent Santa Ynez River corridor. With the exception of birds and several other species (mitigation is described below), the project site is not expected to support breeding populations of any wildlife. Riparian and ornamental habitats on the property are mainly outside of the project footprint, and any trees removed would be replaced as described below. There would be *no effect* of the project on the movement of fish or wildlife, wildlife corridors or nursery sites.

e. The following discusses the project's consistency with local plans and ordinances that relate to biological resources.

Local Policies and Ordinances. Phase 1 will not result in site disturbance that would impact existing protected trees. During Phase 2, some planted ornamentals as well as planted sycamores along the ephemeral stream may require removal during road construction. Native and non-native tree species with a trunk diameter at breast height of 8 inches or more are considered to be protected by the City under the *General Plan* and native tree species under The Native Tree Protection Ordinance (Chapter 12.32 of the Buellton Municipal Code). While protected native trees that are removed require authorization by the City along with payment of an applicable permit fee under the Native Tree Protection Ordinance, activities undertaken by the City are exempt. However, it is expected that the City would follow its native tree replacement standards. A 200-foot setback from the Santa Ynez River is required for public or private development and tree replacement planting opportunities exist along the southwestern part of the property. One proposed playing field is at least 600 feet from the current low-flow channel and approximately 50 feet from the berm that delineates the river floodplain. All structures are to be situated over 200 feet from the river corridor. Any conflicts with local policies or ordinances protecting biological resources are considered *less than significant with mitigation*.

e. and f. The following discusses the project's consistency with any relevant conservation plans, including Habitat Conservation Plans.

Conservation Plan Conflicts. No Habitat Conservation Plans, Natural Community Conservation Plans or other local, regional, or state conservation plans have been prepared for the area in which the project is located. Therefore, there would be *no conflict* with any type of conservation plan.

Mitigation Measures

In order to reduce impacts on biological resources to less than significant levels, the following mitigation measures shall be implemented:

Mitigation Measure BIO-1. Preconstruction Survey (Special-Status Species). Conduct a preconstruction survey for special-status wildlife and implement avoidance and protection measures during construction. Within seven days prior to the start of vegetation removal or grading for any phase of the project, a qualified biologist approved by the City shall survey permanent and temporary impact areas to ensure the species listed above are not present. The biologist shall survey the site under suitable environmental conditions using appropriate protocols to detect the target species. Additional detail for focused surveys is provided, as follows.

Least Bell's Vireo, Southwestern Willow Flycatcher, California Red-Legged Frog. Consistent with General Plan policies, because the site is located within 500 feet of the Santa Ynez River, surveys shall be conducted to determine the presence or absence of state and/or federally listed species, including least Bell's vireo, southwestern willow flycatcher, and California red-legged frog. If any individuals of federally listed species are found during the surveys, consultation with the USFWS and/or state may be required.

American Badger. The qualified biologist shall survey the project impact area including the access road plus a 250-foot buffer for potential American badger dens. Any potential badger dens/burrows found that appear active shall be identified with flagging or stakes, and a 200-foot no-work buffer shall be flagged. All foot and vehicle traffic, construction activities, and storage of supplies and equipment, shall remain outside of buffer areas. Buffer areas shall be maintained until all project-related disturbances have been terminated. If any burrows and their appropriate buffer areas cannot be avoided during all work activities, then the qualified biologist shall determine whether they are active by installing wildlife trail cameras and/or tracking medium and monitoring them daily for at least three days. If the work takes place in the late-spring or summer, additional measures shall be employed to determine whether dens are occupied by badger young. No dens with young shall be disturbed, and no work shall be conducted within 200 feet of maternal dens until the young have left the den. If any active burrow occupied by a single adult badger is found and a 50-foot buffer area cannot be avoided, then the den shall be closed incrementally by placing sticks and debris over the entrance for three to five days, to discourage the animal from using the den. Only after the badger has left the den, as determined by the qualified biologist implementing the wildlife camera and/or tracking medium methods, can the den be excavated and work proceed. Destruction of a burrow is typically done by incrementally excavating it until it is confirmed that no animals are occupying the burrow. Excavation using hand tools is the recommended method for destroying a burrow. Use of excavating equipment can be done with extreme caution and while being monitored by a qualified biologist. After the burrow is destroyed, the excavation shall be filled with dirt and compacted to make sure that burrowing animals cannot re-enter or use the burrow during construction. If an American badger is discovered inside the burrow during excavation, activities should cease immediately and the animal allowed to leave under its own volition. Burrow destruction may proceed once it is determined that the animal has left the den.

Bat Species. Potential bat roost sites (trees with cavities, outbuildings) that will be disturbed by construction activities shall be inspected for sign of roosting bats such as guano or prey remains. Emergence or re-entry surveys should be conducted for those sites with evidence of bat occupancy. The qualified biologist shall determine whether a

maternity roost is present by carefully observing individuals on the roost. If young are present, no work shall occur within 100 feet of the roost location of any bat species until the young can fly on their own. If any non-maternal bat roosts are found, and the work is being conducted outside of the winter hibernation period, the biologist shall coordinate with the City and CDFW on methods to ensure the successful relocation of individuals to suitable habitat nearby. In some cases, CDFW may recommend creating structures for displaced bats. Bats can be restricted from roost sites by placing netting over their entrances after they have left the roost for night-time foraging. Only after the roosting bats have left the site can the tree/structure be disturbed.

The biologist shall submit a report to the City detailing the methods and results of the preconstruction surveys. The report should detail the number and location of any special-status animal species found and measures implemented for avoidance prior to the start of construction. Observations of special-status species shall be submitted to the CNDDB.

Mitigation Measure BIO-2. Construction Timing. Conduct the initiation of construction activities outside of the nesting season. All initial site disturbance shall be limited to the time period between September 1 and January 31, if feasible. If initial site disturbance such as vegetation/tree removal, grading, and improvements to outbuildings cannot be conducted during this time period, implementation of Mitigation Measure BIO-3 is required.

Mitigation Measure BIO-3. Preconstruction Nesting Bird Survey. Conduct a preconstruction nesting bird survey for each phase of the project. If it is not possible to schedule the initiation of construction between September 1 and January 31, a qualified biologist shall conduct a preconstruction survey for nesting birds within 500 feet of project impact areas to ensure that no active nests will be disturbed. The pre-construction survey shall be conducted no more than seven days before the initiation of construction activities in any given area of the project site. During this survey, the qualified biologist shall inspect all potential nest substrates within 500 feet from the impact area, and any nests identified will be monitored to determine if they are active. If no active nests are found, construction may proceed. If an active nest is found within 50 feet (250 feet for raptors) of the construction area, the biologist, in consultation with the CDFW, shall determine the extent of a buffer to be established around the nest. No work shall take place within the buffer area until the young have left the nest, as determined by a qualified biologist.

Mitigation Measure BIO-4. Wildlife Exclusion Fence. Erect wildlife exclusion fence along the river corridor prior to and during ground disturbing work to install the play fields and monitor during construction. To prevent California red-legged frogs and southwestern pond turtles from accessing the site, and deter American badgers from denning onsite, a wildlife exclusion fence (i.e., ERTEC Triple-function E-fence or similar) shall be installed along the southwestern, southern and western sides of the project site by the end of April during the season prior to breaking ground. The bottom edge of the fence shall be trenched into the ground to a depth of at least 6 inches, and the soil recompacted along either side. The fence shall be surveyed by a qualified monitor prior to the start of work each day for southwestern pond turtles or California red-legged frogs that may have entered the work area or are disoriented on the outside of the fence. The biological monitor shall also inspect the integrity of the fence and ensure that it

remains functioning until ground disturbance has been completed. If any southwestern pond turtles or California red-legged frogs are found within the work area, CDFW or USFWS, respectively, shall be contacted to receive authorization to move them to suitable habitat away from project impacts. Work shall be halted within 50 feet of the individual until the agencies have provided authorization to proceed.

Mitigation Measure BIO-5. Preliminary Jurisdictional Waters Delineation. Since site access improvements require a new road crossing of the ephemeral drainage feature to be constructed in Phase 2, a *Preliminary Delineation of Waters of the United States and State of California* (aka wetland delineation) shall be conducted within 100 feet of all proposed limits of disturbance affecting the ephemeral stream. The jurisdictional areas and any required setbacks shall be provided to project engineers to be shown on all project plans. The delineation should also include a consultation component to review the project and drainage feature with state agencies to determine if permitting from the RWQCB and CDFW will be needed . As discussed above, it appears there are no federal wetlands or drainage features onsite under the jurisdiction of the USACE, but the wetland delineation should evaluate onsite features consistent with current regulatory guidance. The wetland delineation shall be submitted to the agencies in support of the permit applications. Any riparian habitat lost or encroachment of development within the setback area shall be replaced onsite at a minimum 1:1 ratio. Note that the agencies may require a higher ratio of up to 3:1 in some instances. Impacts within 50-foot creek or 200-foot river setback areas would also require riparian habitat restoration under the *General Plan*. These activities shall be conducted under a Compensatory Mitigation and Monitoring Plan (CMMP) prepared by a qualified biologist, and submitted to the agencies and City for approval. The CMMP shall follow guidelines established by the state and federal agencies and be implemented under the direction of a qualified biologist and monitored for at least five years to ensure that success criteria are met.

Mitigation Measure BIO-6. Tree Inventory. Since site access improvements would require a new road crossing of the ephemeral drainage feature in Phase 2 , a a tree inventory shall be conducted prior to construction activities to map all trees at least 8 inches in diameter at breast height (dbh) within 50 feet of all potential limits of site disturbance. The inventory shall mark the location of each native tree using a Global Positioning System with submeter accuracy and then shown on project construction and/or improvement plans. Each tree shall be assigned a unique number and marked in the field by an aluminum tag. Data collected for each tree shall include species, number of trunks at least 8 inches dbh, and a relative vigor rating. If any non-native trees with a trunk diameter of at least 8 inches dbh are removed, they shall be replaced at a ratio of at least two new trees for every tree removed (2:1 ratio). Native tree species, including oaks, at least 8 inches dbh shall be replaced at a minimum 5:1 ratio under the *General Plan*. Municipal Code 12.32.070 specifies ratios of 3:1 for oak trees, and 2:1 for cottonwood and sycamore trees. Compensatory planting for both non-native and native trees removed shall be native species on the City's approved tree planting list and obtained from locally sourced stock. Mitigation shall be done under the CMMP prepared and implemented by a qualified biologist. In accordance with the Native Tree Protection Ordinance, replacement trees shall be established in locations suitable for their growth and survival, as determined by a qualified biologist/arborist, no closer than twenty (20) feet from each other or from existing oak trees and no farther than one hundred sixty-five

(165) to one hundred eighty (180) feet from each other or existing oak trees unless otherwise approved by the arborist. Herbivore protection fencing is required until the trees reach a minimum of eight (8) feet in height. The mitigation site shall be maintained and monitored for at least five (5) years.

Mitigation Measure BIO-7. Worker Environmental Awareness Program. Prepare and present a Worker Environmental Awareness Program. A qualified biologist shall prepare a Worker Environmental Awareness Program that will be presented to all construction personnel and employees before any ground-disturbing activities commence at the project site. This program shall detail the measures undertaken during project implementation to avoid and minimize impacts on biological resources. It shall include a description of the status of protected species and resources that may be present in the area and the measures to be undertaken during the project to avoid impacts on these resources. All attendees of the Worker Environmental Awareness Program shall sign an attendance form.

Mitigation Measure BIO-8. Erosion and Sediment Controls. Install appropriate erosion and sediment controls during construction. The following erosion and sedimentation control Best Management Practices (BMPs) are required to be implemented during each of the ground disturbing phases of the project:

a. If possible, the potential for erosion and sedimentation shall be minimized by scheduling construction to occur outside of the rainy season (typically October 15 through April 15).
b. To minimize site disturbance, all construction related equipment shall be restricted to established roads, construction areas, and other designated staging areas.
c. A Sediment and Erosion Control Plan may be required by the City, and shall be prepared by a qualified engineer. The use of silt fence, straw wattles, erosion control blankets, straw bales, sandbags, fiber rolls and other appropriate techniques should be employed to protect the drainage features on and off the property. Biotechnical approaches using native vegetation shall be used as feasible. All areas with soil disturbance shall have appropriate erosion controls and other stormwater protection BMPs installed per the engineer's requirements, and in place prior to October 15. Methods that are not biodegradable should be removed after vegetation has become established and following the end of the rainy season (late-spring or summer).
d. Spill kits shall be maintained on the site, and a Spill Response Plan shall be in place.
e. No vehicles or equipment shall be refueled within 100 feet of drainage features unless a bermed and lined refueling area is constructed. No vehicles or construction equipment shall be stored overnight within 100 feet of these areas unless drip pans or ground covers are used. All equipment and vehicles should be checked and maintained on a daily basis to ensure proper operation and to avoid potential leaks or spills. Construction staging areas should attain zero discharge of stormwater runoff into these habitats.
f. No concrete washout shall be conducted on the site outside of an appropriate containment system. Washing of equipment, tools, etc. should not be allowed in any location where the tainted water could enter onsite drainages.
g. The use of chemicals, fuels, lubricants, or biocides shall be in compliance with all local, state, and federal regulations. All uses of such compounds shall observe label and other restrictions mandated by the U.S. Environmental Protection Agency,

California Department of Food and Agriculture, and other state and federal legislation.

h. All project-related spills of hazardous materials within or adjacent to the project site should be cleaned up immediately.

i. Areas with disturbed soils shall be restored under the direction of the project engineer in consultation with a qualified restoration ecologist as needed. Methods may include recontouring graded areas to blend in with existing natural contours, covering the areas with salvaged topsoil containing native seedbank from the site, and/or applying the native seed mix shown on the project plans supplemented with species in Table 3. Native seed mix shall be applied to the graded areas through either direct hand seeding or hydroseeding methods. Seeding with the erosion control native seed mix should be provided on all disturbed soil areas prior to the onset of the rainy season (by October 15). Compost, fiber and tackifier may also be incorporated.

Table 3. Erosion Control Native Seed Mix

Common Name	Scientific Name	Application Rate (pounds/acre)
California brome	*Bromus carinatus*	10
Purple needlegrass	*Stipa pulchra*	5
Six weeks fescue	*Vulpia microstachys*	5
Small fescue	*Festuca microstachys*	5
Tomcat clover	*Trifolium wildenovii*	5

Findings and Mitigation: Mitigation Measures BIO-1 through BIO-8 as described above would be required to address potential impacts related to biological resources to a less than significant level.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
V. CULTURAL RESOURCES - Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 15064.5?		X		
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?		X		
d) Disturb any human remains, including those interred outside of formal cemeteries?			X	

a. There is an existing barn structure on the site, which is intended for adaptation and future use as part of the project. The barn was named a historical landmark by the City Council in September 2020. The requirement in place as a result of this designation is that "that any proposed alteration, addition, or demolition, to the site or any structure thereon is (prior to the issuance of any entitlement, building permit, demolition permit, or grading permit which may alter the existing site or buildings) subject to City Council review of appropriate mitigation of loss to a historic resource through permanent acknowledgement and recognition of the site's historical significance." This requirement will be included as a mitigation measure in this document to address any potential impacts to that structure. The City Council will evaluate this impact determine whether this proposed mitigation measure is appropriate mitigation to reduce potential impacts to a less than significant level.

b. and c. No known artifacts have been found on this site. Any artifacts located on this property would have likely been removed or destroyed through past flood events, as part of the site is within the 100-year flood zone of the Santa Ynez River. Therefore the potential for future discoveries is extremely unlikely. In the unlikely event that previously unidentified cultural resources are encountered during site grading activities, state laws related to the protection of cultural resources would apply. To provide additional protection against possible impacts to unknown cultural resources, the following Mitigation Measure CR-1 is required.

Mitigation Measure

> **CR-1: Halt Work Order for Archaeological Resources.** If unanticipated cultural resources are exposed during construction of a Project, all earth disturbing work within the vicinity of the find must be temporarily suspended until an archaeologist has evaluated the nature and significance of the find. After the find has been appropriately mitigated, work in the area may resume. A representative should monitor any mitigation excavation associated with the Native American materials.
>
> Monitoring. Upon notification by project developer of discovery of a potential find, Planning Department will verify that archaeologists and Native American representatives have been contacted to evaluate the materials found and, if necessary to monitor any consequent mitigation activities.

d. Since no known cemetery uses or prehistoric burial sites are located on or adjacent to the site, the proposed project would result in no impacts to known human remains. If human remains are discovered, CEQA guidelines 15064.5 (e), Health and Safety Code sections 7050.5 and 5097.98 contain protocols that must be followed, as well as Mitigation Measure CR-1.

Findings and Mitigation: Potential impacts are considered less than significant with the incorporation of required Mitigation Measure CR-1.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VI. ENERGY - Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

Impact Analysis

a. Project Construction. Project construction would require temporary energy resources primarily in the form of fuel consumption to operate heavy equipment, light-duty vehicles, machinery, and generators. Temporary grid power may also be provided to construction trailers or electric construction equipment. Energy use during construction activities would be temporary, and construction equipment used would be typical of similar-sized construction projects in the region. In addition, construction contractors are required to comply with the provisions of 13 California Code of Regulations Sections 2449 and 2485, which prohibit diesel-

fueled commercial motor vehicles and off-road diesel vehicles from idling for more than five minutes, minimizing unnecessary fuel consumption. Construction equipment would be subject to the U.S. EPA Construction Equipment Fuel Efficiency Standard (40 Code of Federal Regulations Parts 1039, 1065, and 1068), which minimizes inefficient fuel consumption. Electrical power would be consumed during construction activities, and the demand would be supplied from existing electrical infrastructure in the area. Electricity used for construction purposes would be minor and limited to intermittent use of construction equipment.

Overall, temporary project construction activities would utilize fuel- and energy-efficient equipment consistent with the most recently adopted state and federal regulations and would comply with state measures to reduce the inefficient, wasteful, or unnecessary consumption of energy. Construction contractors would not be anticipated to utilize fuel or electricity in a manner that is wasteful or unnecessary as a business practice to ensure cost efficiency. Therefore, project construction would not result in potentially significant environmental effects due to the wasteful, inefficient, or unnecessary consumption of energy.

Project Operation. Energy demand from long-term operation of new development on the project site would include electricity consumed by non-residential buildings and energy associated with fuel consumption. Energy consumption will be very minor and sporadic, as most activities on the site will involve be passive use of outdoor sports fields and play area. Occasional events such as weddings would use energy in the form of lighting and heating, but these events would be infrequent in nature. It is highly likely that the overall energy use per square foot would be much lower than permanently occupied buildings such as residences, commercial uses or office space. Therefore, the project operation would not result in significant impacts due to the wasteful, inefficient, or unnecessary consumption of energy. As a result, this impact would be *less than significant*.

b. The following describe key regulations that relate to the project's energy use, and the extent that the project will be consistent with these requirements.

California Energy Plan. The California Energy Commission (CEC) is responsible for preparing the California Energy Plan, which identifies emerging trends related to energy supply, demand, conservation, public health and safety, and the maintenance of a healthy economy. The 2008 California Energy Plan calls for the state to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies several strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero-emission vehicles and addressing their infrastructure needs, as well as encouragement of urban designs that reduce vehicle miles travelled (VMT) and accommodate pedestrian and bicycle access.

Building Energy Efficiency Standards. The California Building Energy Efficiency Standards for Residential and Nonresidential Buildings (California Code of Regulations, Title 24, Part 6) were adopted to ensure that building construction and system design and installation achieve energy efficiency and preserve outdoor and indoor environmental quality. The current California Building Energy Efficiency Standards (Title 24 standards) are the 2019 Title 24 standards, which became effective on January 1, 2020. The 2019 Title 24 standards include efficiency improvements to the lighting and efficiency improvements to the non-residential

standards include alignment with the American Society of Heating and Air-Conditioning Engineers. As a result, potential impacts would be *less than significant*.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS - Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?			X	
ii) Strong seismic ground shaking?			X	
iii) Inundation by seiche, tsunami, or mudflow?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?			X	
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?			X	
d) Be located on expansive soil creating substantial risks to life or property?			X	
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?				X

The following analysis of geological resources is based on the City's General Plan Safety Element Plan and previous geotechnical studies conducted in the City and on the project site, which are on file at the Buellton Planning Department.

a. Geologic Hazards:

Fault Rupture: There are no known active fault lines within the City. No impacts would occur.

Groundshaking: The San Andreas Fault, located approximately 74 kilometers east of Buellton, dominates both the geologic structure and seismicity of the project area. However, faults closer to the project site also have the potential to generate earthquakes and strong groundshaking at the site. These include: (1) the offshore group, including the Hosgri and Santa Lucia (Purisima and Lompoc) faults; and (2) the Santa Ynez Fault. In addition, the Los Alamos-Baseline-Lions and Casmalia-Orcutt-Little Pine faults may be active and pose potential to generate groundshaking at the project site.

The largest upper level earthquake (ULE) in Buellton would be an approximate 7.8 moment magnitude earthquake on the San Andreas Fault. Such an event could produce peak horizontal ground acceleration on the order of 0.16g[1]. Due to the relative location of the Los Alamos-

[1] The force on a building during an earthquake is proportional to ground acceleration. Such forces are prescribed by the UBC. During an earthquake the ground acceleration varies with time. "g" is a common value of acceleration equal to 9.8 m/sec/sec (the acceleration due to gravity at the surface of the earth). 30% of g is the acceleration one would experience in a car that takes 9 seconds to brake from 60 miles per

Baseline (approximately 8 kilometers south), Santa Ynez (approximately 10 kilometers northeast), and North Channel Slope (approximately 25 kilometers east) faults to Buellton, higher ULE accelerations may be expected from these faults. Although higher accelerations may be experienced in Buellton from these faults, compared to events on the San Andreas Fault, the recurrence interval for such events is much longer than for an event on the active San Andreas Fault Zone. Seismic safety issues would be addressed through the California Building Code and implementation of the recommendations on foundation and structural design contained in the geotechnical investigation. Less than significant impacts would result.

Seismic Ground Failure: Liquefaction is the phenomenon in which soil temporarily loses strength due to a buildup of excess pore-water pressure caused by seismic shaking. The primary factors influencing liquefaction potential include depth of groundwater, soil type, relative density of sandy soils, overburden pressure, fines content and the intensity and duration of ground shaking. Liquefaction potential is greatest in saturated, loose, poorly graded fine sands with grain size (D50) in the range of 0.1 to 0.5 millimeters. Per the geotechnical study, the potential for liquefaction is low (GeoSolutions, Inc., 2016).

General Plan Safety Element Policy S-1 requires that new development (habitable structures including commercial and industrial buildings) be set back at least 200 feet from the bank of the Santa Ynez River. The nearest inhabited structure would be setback more than 200 feet from the river. The project would be consistent with this policy in this respect, which will minimize liquefaction hazards.

Policy S-7 requires that all new development shall satisfy the requirements of the California Building Code regarding seismic safety. Conformance with this policy would ensure that potential impacts related to liquefaction would be *less than significant*.

Seiche, Tsunami, Mudflow: The site is not located in the vicinity of any body of water that could result in a seiche or tsunami, and the project site is relatively flat and is not located adjacent to any substantial slopes. *No impacts* would occur.

Landsliding: Slopes in the City are geologically stable and are not subject to major landslides. The project site is on a generally level property. As such, *no impacts* would occur with respect to landsliding.

b. Erosion: The project proposes grading to create a level building pad, above the 100-year floodplain limits, for the proposed structure and related improvements. Cutting and filling may result in increased erosion. The City's adopted Grading Ordinance, requirements of the Regional Water Quality Control Board, and The City's Standard Conditions of Approval require erosion and sediment control plans for all projects. Based on the required implementation of these requirements, the impact to erosion is considered *less than significant*.

c., d. Unstable/Expansive Soils: While the site appears suitable from a geotechnical engineering standpoint, for the construction of the proposed project, a project-specific soils investigation would provide specific recommendations for project design and construction. These project design recommendations related to grading, building foundation, driveway and parking area construction, will be required as part of grading and building plan approval, and would ensure that the impacts are *less than significant*.

hour to a complete stop.

e. Suitability for Septic Systems: All project wastewater would be discharged to the City sewer system. No septic systems have been proposed. *No impacts* would result.

Findings and Mitigation: All development of the site must follow standard California Building Code requirements. Compliance with these regulations and requirements and the recommendations from a site-specific geotechnical soils investigation would result in less than significant geology related impacts. The Public Works Department/City Engineer will verify that the final project design incorporates any design recommendations from an approved project-specific geologic study prior to issuing grading permits.

ISSUES:	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
VIII. GREENHOUSE GAS EMISSIONS - Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b) Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

This section is based on a technical report prepared by Ambient analyzing greenhouse gas emissions as they relate to the project. This report is included as Appendix C to this Initial Study, and includes extensive background information and a regulatory framework that are summarized below. The major findings of the technical analysis are also included below, but for the full analysis, please refer to Appendix C.

Setting

Project implementation would generate greenhouse gas (GHG) emissions through the burning of fossil fuels or other emissions, thus potentially contributing to cumulative impacts related to global climate change. The following summarizes the regulatory framework related to climate change.

There is an extensive federal, state and local regulatory basis for analyzing this issue, which is described in detail in the technical report included in Appendix C. These key regulations are listed and summarized below:

Federal

Executive Order 13514

Executive Order 13514 is focused on reducing GHGs internally in federal agency missions, programs, and operations. In addition, the executive order directs federal agencies to participate

in the Interagency Climate Change Adaptation Task Force, which is engaged in developing a national strategy for adaptation to climate change.

State

Assembly Bill 1493

AB 1493 (Pavley) of 2002 (Health and Safety Code Sections 42823 and 43018.5) required the ARB to develop and adopt the nation's first GHG emission standards for automobiles. The California Legislature declared in AB 1493 that global warming is a matter of increasing concern for public health and the environment. It cites several risks that California faces from climate change, including a reduction in the state's water supply; an increase in air pollution caused by higher temperatures; harm to agriculture; an increase in wildfires; damage to the coastline; and economic losses caused by higher food, water, energy, and insurance prices.

Executive Order S-3-05

Executive Order S-3-05 (State of California) proclaims that California is vulnerable to the impacts of climate change. It declares that increased temperatures could reduce the Sierra's snowpack, further exacerbate California's air quality problems, and potentially cause a rise in sea levels. To combat those concerns, the Executive Order established total GHG emission targets. Specifically, emissions are to be reduced to the 2000 level by 2010, to the 1990 level by 2020, and to 80 percent below the 1990 level by 2050.

Executive Order B-30-15

In 2015, Governor Brown signed Executive Order B-30-15, which establishes a California GHG reduction target of 40 percent below 1990 levels by 2030.

Executive Order B-55-18

In 2018, Governor Brown signed Executive Order B-55-18, which set a target of statewide carbon neutrality by 2045.

Executive Order N-79-20

In 2020, Governor Newsom signed Executive Order N-79-20, which calls for elimination of new internal combustion passenger vehicles by 2035. It would end sales of internal combustion passenger vehicles by 2035. It is important to note that the Executive Order focuses on new vehicle sales for automakers, and therefore does not require Californians to give up the existing cars and trucks they already own.

Climate Change Scoping Plan

In October 2008, ARB published its Climate Change Proposed Scoping Plan, which is the State's plan to achieve GHG reductions in California required by AB 32. This initial Scoping Plan contained the main strategies to be implemented in order to achieve the target emission levels identified in AB 32. The Scoping Plan included ARB-recommended GHG reductions for each emissions sector of the state's GHG inventory.

Mandatory Reporting of GHG Emissions

The California Global Warming Solutions Act (AB 32, 2006) requires the reporting of GHGs by major sources to the ARB. Major sources required to report GHG emissions include industrial facilities, suppliers of transportation fuels, natural gas, natural gas liquids, liquefied petroleum

gas, and carbon dioxide, operators of petroleum and natural gas systems, and electricity retail providers and marketers.

Senate Bill 97

SB 97 was enacted in 2007. SB 97 required the Office of Planning and Research to develop, and the Natural Resources Agency to adopt, amendments to the CEQA Guidelines addressing the analysis and mitigation of GHG emissions. Those CEQA Guidelines amendments clarified several points, including the following:

- Lead agencies must analyze the GHG emissions of proposed projects and must reach a conclusion regarding the significance of those emissions.
- When a project's GHG emissions may be significant, lead agencies must consider a range of potential mitigation measures to reduce those emissions.
- Lead agencies must analyze potentially significant impacts associated with placing projects in hazardous locations, including locations potentially affected by climate change.
- Lead agencies may significantly streamline the analysis of GHGs on a project level by using a programmatic GHG emissions reduction plan meeting certain criteria.
- CEQA mandates analysis of a proposed project's potential energy use (including transportation- related energy), sources of energy supply and ways to reduce energy demand, including through the use of efficient transportation alternatives.
- As part of the administrative rulemaking process, the California Natural Resources Agency developed a Final Statement of Reasons explaining the legal and factual bases, intent, and purpose of the CEQA Guidelines amendments. The amendments to the CEQA Guidelines implementing SB 97 became effective on March 18, 2010.

Cap-and-Trade Regulation

The cap-and-trade regulation is a key element in California's climate plan. It sets a statewide limit on sources responsible for 85 percent of California's GHG emissions and establishes a price signal needed to drive long-term investment in cleaner fuels and more efficient use of energy. The cap-and-trade rules came into effect on January 1, 2013, and apply to large electric power plants and large industrial plants. In 2015, fuel distributors, including distributors of heating and transportation fuels, also became subject to the cap-and- trade rules. At that stage, the program will encompass around 360 businesses throughout California and nearly 85 percent of the state's total GHG emissions. California's GHG cap-and-trade system is projected to achieve an approximate 80 percent reduction from 1990 levels by 2050.

Senate Bill 32

SB 32 was signed by Governor Brown on September 8, 2016. SB 32 effectively extends California's GHG emission-reduction goals from year 2020 to year 2030. This new emission-reduction target of 40 percent below 1990 levels by 2030 is intended to promote further GHG-reductions in support of the State's ultimate goal of reducing GHG emissions by 80 percent below 1990 levels by 2050. SB 32 also directs the ARB to update the Climate Change Scoping Plan to address this interim 2030 emission-reduction target.

Senate Bill 100

SB 100 was signed by Governor Jerry Brown on September 10, 2018. SB 100 sets a goal of phasing out all fossil fuels from the state's electricity sector by 2045. SB 100 increases to 60 percent, from 50 percent, how much of California's electricity portfolio must come from renewables by 2030. It establishes a further goal to have an electric grid that is entirely powered

by clean energy by 2045, which could include other carbon-free sources, like nuclear power, that are not renewable.

Senate Bill 375

SB 375 requires Metropolitan Planning Organizations (MPOs) to adopt a sustainable communities strategy (SCS) or alternative planning strategy (APS) that will address land-use allocation in that MPOs regional transportation plan. ARB, in consultation with MPOs, establishes regional reduction targets for GHGs emitted by passenger cars and light trucks for the years 2020 and 2035. These reduction targets will be updated every eight years but can be updated every four years if advancements in emissions technologies affect the reduction strategies to achieve the targets. ARB is also charged with reviewing each MPO's SCS or APS for consistency with its assigned targets. If MPOs do not meet the GHG reduction targets, funding for transportation projects may be withheld. In 2018, ARB adopted updated SB 375 targets.

California Building Code

The CBC contains standards that regulate the method of use, properties, performance, or types of materials used in the construction, alteration, improvement, repair, or rehabilitation of a building or other improvement to real property. The CBC is adopted every three years by the BSC. In the interim, the BSC also adopts annual updates to make necessary mid-term corrections. The CBC standards apply statewide; however, a local jurisdiction may amend a CBC standard if it makes a finding that the amendment is reasonably necessary due to local climatic, geological, or topographical conditions.

Green Building Standards

Green buildings standards are contained in the CBC and regulate the construction of new buildings and improvements. The focus of green building standards is to improve environmental performance.

Short-Lived Climate Pollutant Reduction Strategy

In March 2017, the ARB adopted the Short-Lived Climate Pollutant Reduction Strategy (SLCP Strategy) establishing a path to decrease GHG emissions and displace fossil-based natural gas use. Strategies include avoiding landfill methane emissions by reducing the disposal of organics through edible food recovery, composting, in-vessel digestion, and other processes; and recovering methane from wastewater treatment facilities, and manure methane at dairies, and using the methane as a renewable source of natural gas to fuel vehicles or generate electricity. The SLCP Strategy identifies measures that can reduce HFC emissions at national and international levels, in addition to State-level action that includes an incentive program to encourage the use of low-GWP refrigerants, and limitations on the use of high-GWP refrigerants in new refrigeration and air-conditioning equipment (ARB 2022).

Local

Santa Barbara County Air Pollution Control District

The SBCAPCD is a local public agency with the primary mission of realizing and preserving clean air for all county residents and businesses. Responsibilities of the SBCAPCD include, but are not limited to, preparing plans for the attainment of ambient air quality standards, adopting and enforcing rules and regulations concerning sources of air pollution, issuing permits for stationary sources of air pollution, inspecting stationary sources of air pollution and responding

to citizen complaints, monitoring ambient air quality and meteorological conditions, and implementing programs and regulations required by federal and state regulatory requirements.

City of Buellton

The City of Buellton has not adopted a qualified greenhouse gas reduction plan pursuant to CEQA Guidelines Section 15183.5(b)(1). Therefore, this analysis does not utilize the tiering and streamlining provisions of CEQA Guidelines Section 15183.5(b)(2) in evaluating the significance of the project's impacts related to GHG emissions.

Thresholds of Significance

Neither the SBCAPCD nor the City of Buellton have adopted GHG thresholds of significance for development projects that are subject to CEQA. However, the County of Santa Barbara has recently developed an interim GHG emissions threshold of significance of 300 MTCO2e per year (Santa Barbara County 2020). Projects that exceed this screening threshold can also be evaluated based on an efficiency GHG emissions threshold based on the project's estimated service population, if applicable. The County's interim thresholds are based on SB 32 year 2030 GHG-reduction goals, which take into consideration the emission reduction strategies outlined in ARB's Scoping Plan. Projects that do not exceed the County's interim thresholds would be considered to have a less than significant increase in GHG emissions and would not be expected to interfere with GHG-reduction planning efforts (Santa Barbara County 2020). Given that development within both the County and the City would be subject to compliance with the State's building standards, land use development projects and associated GHG emissions occurring within the City would be similar to that which would occur within the County. For this reason and for purposes of this analysis, project generated emissions were evaluated solely in comparison to a significance threshold of 300 MTCO2e per year. Project-generated GHG emissions that would exceed 300 MTCO2e/year would be considered to have a potentially significant impact on the environment that could conflict with GHG-reduction planning efforts.

Methodology

Short-term Construction Impacts

Short-term emissions were quantified using the CalEEMod, version 2020.4.0, based on estimated acreages and building square footage for the proposed project. Other modeling assumptions, including construction equipment requirements, hours of use, worker, and vendor vehicle trips, trip distances, and fleet mix were based on model defaults for the County. Construction-generated GHG emissions were amortized over a 30-year period and included with estimated long-term operational GHG emissions for impact assessment purposes.

Long-term Operational Air Quality Impacts

Long-term operational GHG emissions were calculated using the CalEEMod, version 2020.4.0. Emissions modeling included quantification of emissions associated with area sources, energy use, and mobile sources. Trip-generation rates for the proposed land uses were derived from the traffic analysis prepared for this project (ATE 2023). Other modeling assumptions, such as vehicle fleet-mix, were not available and, therefore, were based on the default fleet mix identified in CalEEMod for Santa Barbara County. Annual emissions were adjusted based on a total of approximately 12 major events (e.g., weddings) per year (ATE 2023). Emission modeling files are provided in Appendix C to this Initial Study.

Impact Analysis

a. and b. Estimated GHG emissions attributable to future development would be primarily associated with increases of CO_2 from mobile sources. To a lesser extent, other GHG pollutants, such as CH_4 and N_2O, would also be generated. Short-term and long-term GHG emissions associated with the development of the proposed project are discussed in greater detail, as follows:

Short-term Construction GHG Emissions

Estimated increases in GHG emissions associated with the construction of the proposed project are summarized in Table 3. Based on the modeling conducted, construction-related GHG emissions would total approximately 222 MTCO2*e*. Amortized GHG emissions, when averaged over the conservative assumption of 30-year life of the project, would total approximately 7.4 MTCO2*e*/year. Actual emissions may vary, depending on the final construction schedules, equipment required, and activities conducted. Amortized construction-generated GHG emissions are included in the operational GHG emissions impact discussion provided below.

Table 3. Construction-Generated GHG Emissions without Mitigation

Construction Year	GHG Emissions ($MTCO_2E$/year)
2023-2024	222
Amortized Construction Emissions	7.4

See Appendix C for CalEEMod Results.
$MTCO_2E$ = Metric tons of carbon dioxide equivalent
Amortized emissions are quantified based on a 30-yer project life.

Long-term Operational GHG Emissions

Estimated long-term increases in GHG emissions associated with the proposed project are summarized in Table 4. As depicted, operational GHG emissions for the proposed project, with the inclusion of amortized construction GHGs, would total approximately 221.5 MTCO2*e*/year. A majority of the operational GHG emissions would be associated with energy use and the operation of motor vehicles. To a lesser extent, GHG emissions would also be associated with solid waste generation and water use. Project-generated GHG emissions are projected to decrease in future years due largely to improvements in energy-efficiency and vehicle fleet emission rates. Project-generated operational emissions would not exceed the significance threshold of 300 MTCO2*e* per year. As a result, the proposed project would not result in increased GHG emissions that would have a significant impact on the environment or conflict with GHG-reduction planning efforts. This impact would be considered *less than significant*.

Table 4. Operational GHG Emissions without Mitigation

Emission Source	Emissions ($MTCO_2E$/year)
Mobile [1]	124.0
Area [2]	0.1
Energy [3]	65.8
Waste [4]	22.3

Water [4]	1.9
Total Operational Emissions	214.1
Amortized Construction Emissions	7.4
Total with Amortized Construction Emissions	221.5
GHG Significance Threshold	300
Exceeds Significance Threshold?	No

GHG = Greenhouse gas; SP = Service population; MTCO2e = Metric tons of carbon dioxide equivalent

1. Based on vehicle trip-generation rates derived from the traffic impact analysis prepared for this project. Mobile-source emissions for special events were adjusted assuming a total of 12 events annually, based on the conservative assumption that all vehicle trips would originate and end outside of the County. Actual mobile-source emissions, with inclusion of local trips, would be lower.
2. Area source emissions include landscape maintenance activities.
3. Energy use was conservatively calculated based on CalEEMod default energy intensity factors. Does not include adjustments for compliance with Renewable Portfolio Standards, which are anticipated to be lower.
4. Emissions associated with waste generation and water use were based on CalEEMod defaults. Assumes installation of low-flow water fixtures in compliance with current building standard requirements.

Totals may not sum due to rounding. Refer to report appendix for emissions modeling assumptions and results.

Findings and Mitigation: Impacts would be less than significant, so no mitigation is required.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporated**	**Less Than Significant Impact**	**No Impact**
IX. HAZARDS AND HAZARDOUS MATERIALS - Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?				X
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X	

a. Hazardous Substances: The project would not create reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment, as the project would not involve the storage or transport of substantial quantities of such materials. *No impacts* would occur.

b. Hazardous Materials Releases: Refer to the discussion in Section a. above. However, the potential for soil contamination from past uses in this former agricultural area cannot be discounted. Therefore, the potential for contaminated soil on the project site exists and is considered a *potentially significant impact* unless mitigation is incorporated. A Phase I

Environmental Site Assessment (ESA) was prepared May 19, 2020 by the Phase One Group. Their Conclusions and Recommendations are summarized below.

Conclusions

The Phase I ESA revealed no evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), or controlled recognized environmental conditions (CRECs) in connection with the subject property, except for the following:

• At the time of The Phase One Group's site visit, an area of stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

• The subject property was historically used as a dairy farm operation. It is unknown where wastewater discharge generated from the former dairy farm operation was directed to at the subject property. The subject property soils in the area of the former dairy farm operation due to wastewater discharge may contain excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. Based on the above, the former dairy farm operation represents a recognized environmental condition (REC) in connection with the subject property.

• A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

• The northeastern portion of the subject property appears to be developed for agricultural purposes as an orchard on the historical aerial photograph dated 1928, and the southwestern portion of the subject property appears to be developed for agricultural purposes on the historical aerial photographs dated 1973, 1978 and 1981. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Based on the above, the former agricultural use at the subject property represents a recognized environmental condition (REC) in connection with the subject property.

An environmental issue refers to environmental concerns identified by The Phase One Group, which do not qualify as RECs; however, warrant further discussion. The following environmental issues were identified during the course of this assessment:

• An unlabeled 88-gallon capacity portable above-ground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil,

lubricants and maintenance chemicals were observed stored outside adjacent to maintenance shop. No evidence of leaks or staining was observed in the areas of the ASTs and containers of hydraulic oil, lubricants and maintenance chemicals.

• Based on the subject property use as a former dairy farm operation, the possibility exists that the subject property is equipped with undocumented fuel underground storage tanks (USTs). No evidence of on-site USTs was observed during the site visit.

• Although no evidence was identified during the site visit, historical on-site septic systems associated with the former on-site structures may be present on-site.

• The subject property is equipped with one irrigation groundwater well located on the southern portion of the subject property. The irrigation groundwater well is reportedly not used for potable use as drinking water to the subject property is provided by the City of Buellton Water System. No additional information regarding the on-site groundwater well was provided to The Phase One Group.

Recommendations

As a result of this assessment, The Phase One Group recommends the following:

• A limited subsurface investigation should be conducted at the subject property in order to determine the presence or absence of soil and/or groundwater contamination due to the former dairy farm operation and agricultural use, including the location of the former retention basin. (See Mitigation Measure **HAZ-1.)**

• A limited subsurface investigation should be conducted in the area of oil-stained soil and gravel within the maintenance shop building. (See Mitigation Measure **HAZ-2.)**

• The observed unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals should be collected and properly disposed of by a certified hazardous waste hauler. (**Note**: this was completed at the time the City acquired subject property; documentation is part of escrow closing documents. Source: City .Manager.)

• If on-site USTs are identified during redevelopment activities of the subject property, the USTs should be properly closed and removed following current regulatory procedures and guidelines. (See Mitigation Measure **HAZ-3.)**

• If historical on-site septic systems are identified during redevelopment activities of the subject property, the historical on-site septic systems should be properly closed and removed following current regulatory procedures and guidelines. (See Mitigation Measure **HAZ-4.)**

• If no longer in use, the irrigation groundwater well on the southern portion of the subject property should be properly decommissioned and closed utilizing current

regulatory standards and procedures. (**Note**: the well is still and will continue to be in use, thus mitigation is not applicable at this time. Source: City Manager.)

c. Hazardous Materials Near Schools: The project site is not located within one-quarter mile of an existing or proposed school. The nearest schools are Jonata Middle School, which is about 0.5 miles northeast of the project site; Oak Valley Elementary School is about 0.5 miles north of the project site; and Zaca Pre-School and After School is about 0.5 miles east of the site. *No impacts* are anticipated.

d. Hazardous Materials Sites: The project site is not on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. *No impacts* would occur.

e. Public Airport Safety Hazards: No public airports are in the vicinity of the project site. *No impacts* would occur.

f. Emergency Response/Evacuation: The project site is not subject to an emergency response or evacuation plan, and would not interfere with any emergency response efforts on nearby streets. *No impacts* would occur.

g. Wildland Fire Hazards: The site is not in a wildland fire hazard area as identified in the Safety Element of the Buellton General Plan. Impacts would be *less than significant*.

Findings and Mitigation: The following mitigation measures are required to reduce project impacts related to hazardous materials to a less than significant level:

Mitigation Measures

HAZ-1: Phase I Environmental Site Assessment. Prior to issuance of land use permits, building permits, or the commencement of any grading, site preparation or ground disturbance activities, a limited subsurface investigation shall be conducted at the subject property in order to determine the presence or absence of soil and/or groundwater contamination due to the former dairy farm operation and agricultural use, including the location of the former retention basin..

Monitoring. The Planning Department will verify that the subsurface investigation has been completed and, if necessary, shall monitor any consequent mitigation activities.

HAZ-2: Phase I Environmental Site Assessment. Prior to issuance of grading and/or building permits, a limited subsurface investigation should be conducted in the area of oil-stained soil and gravel within the maintenance shop building

Monitoring. The Planning Department will verify that the subsurface investigation has been completed and, if necessary, shall monitor any consequent mitigation activities.

HAZ-3: Phase I Environmental Site Assessment. If on-site USTs are identified during redevelopment activities of the subject property, the USTs should be properly closed and removed following current regulatory procedures and guidelines.

Monitoring: Upon notification of discovery of a potential find, the Planning Department will verify that the UST has been properly closed and removed in accordance with regulatory procedures in place at the time.

HAZ-4: Phase I Environmental Site Assessment. If historical on-site septic systems are identified during redevelopment activities of the subject property, the historical on-site septic systems should be properly closed and removed following current regulatory procedures and guidelines.

Monitoring: Upon notification of discovery of a potential find, the Planning Department will verify that the septic systems have been properly closed and removed in accordance with regulatory procedures in place at the time.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
X. HYDROLOGY AND WATER QUALITY - Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?			X	
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			X	
i. result in substantial erosion or siltation on- or off-site?			X	
ii. substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?			X	
iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?			X	
iv. impede or redirect flood flows?			X	
d) In flood hazard, tsunami or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X	

a. and e. RWQCB Standards. The proposed project would discharge wastewater into to the public sewer system via a private on-site sewer lift station for ultimate treatment at the City's wastewater treatment plant. The Public Works Department will verify that all discharge requirements established by the Regional Water Quality Control Board are satisfied. An industrial discharge permit will be required for any processing or manufacturing uses that may occupy any of the space in the future. In addition, the project is required to, and does incorporate stormwater controls which provides water quality treatment of generated site run-off. Therefore, the impact is considered *less than significant*.

b. Groundwater Supply. Water is supplied to the City of Buellton from the Buellton Uplands Groundwater Basin, the Santa Ynez River Riparian Basin, and State Water Project (SWP). Water allocation from the SWP varies based on local demand and availability. Therefore, the City's SWP supplies may fluctuate based on the quantity of water the City needs to meet demand and whether or not it is available from the State. Neither groundwater basin is in a state of overdraft, as the natural recharge rates either exceed the capacity of the basin or exceed the rate of pumping from the basin. Furthermore, previous studies indicate that the Buellton Uplands Groundwater Basin has a net surplus of 800 AFY. The project would create an incrementally increased demand for water, but the City has an adequate supply to accommodate the proposed project, and development at this location is already anticipated under the General Plan. Impacts would be *less than significant*.

c. Runoff/Erosion and Siltation. Erosion and sedimentation to drainages could occur with grading activities, which could impact water quality. By law, all grading of the site must conform to the erosion control requirements of the National Pollutant Discharge Elimination System (NPDES) regulations. As such, erosion and siltation during the construction period would be minimized and would result in *less than significant* impacts. The project will also be required to comply with the City's 2013 Stormwater Ordinance.

d. Flood Hazards. Based on National Flood Insurance Rate Maps (FIRM) and General Plan Floodplain maps, the lower portion of the project site is located within the 100-year flood zone. The Land Use Element of the General Plan designates this area as Open Space (which includes areas subject to flooding), to be used for public open space, parkland and recreation. Proposed uses consist of outdoor sports play fields, multi-use courts, play areas, supplemental parking and an accessory restroom facility (low profile, modular building); these uses are consistent with the Open Space designation. Potential impacts related to project construction and operation would be *less than significant*. The Public Works Department will review project plans to confirm that proposed grading and project implementation would not adversely affect the flood plain. The site is not located in the vicinity of any body of water that could result in a seiche or tsunami. The project site is located in a dam failure inundation hazard area as identified in the City's Safety Element of the General Plan. However, the number of persons using the site would not be significant, and adequate warning would be given to evacuate the site in the event of a possible dam failure.

Findings and Mitigation: Since no significant impacts were identified, no mitigation is required.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporated**	**Less Than Significant Impact**	**No Impact**
XI. LAND USE AND PLANNING - Would the project:				
a) Physically divide an established community?				X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project adopted for the purpose of avoiding or mitigating an environmental effect?				X

a. Physical Division of Established Communities. The proposed project is on the edge of existing development adjacent to an industrial and residential portion of the City. As such, it would not divide an established community. *No impacts* would occur.

b. Policy Consistency. The proposed project is consistent with the applicable policies of the Buellton General Plan and meets the development standards of the Buellton Municipal Code. No habitat or conservation plans exist within the City of Buellton. A policy consistency analysis is provided below.

GENERAL PLAN POLICY CONSISTENCY

The consistency of the proposed project with the applicable General Plan policies is described in the paragraphs below.

Land Use Element

Policy L-5: New development shall not be allowed unless adequate public services are available to serve such new development.

Consistent: Adequate infrastructure exists in the area to serve the proposed project.

Policy L-11: New development shall incorporate a balanced circulation network that provides safe, multi-route access for vehicles, bicycles and pedestrians to neighborhood centers, greenbelts, other parts of the neighborhood and adjacent circulation routes.

Consistent: The project will include bike racks in the parking area to encourage bicycle use, and will maintain access to an existing easement along the Santa Ynez River, which is planned to accommodate a future multi-purpose trail under the City's 2012 Bicycle and Pedestrian Master Plan.

Policy L-12: All exterior lighting in new development shall be located and designed so as to avoid creating substantial off-site glare, light spillover onto adjacent properties, or upward into the sky. The style, location, and height of the lighting fixtures shall be submitted with building plans and shall be subject to approval by the City prior to issuance of building or grading permits, as appropriate.

Consistent: Sports fields will not be lighted, and any required security lighting will be consistent with this policy and the Community Design Guidelines.

Circulation Element

Policy C-2: Facilities that promote the use of alternate modes of transportation, including bicycle lanes and connections, pedestrian and hiking trails, park-and-ride lots and facilities for public transit shall be incorporated where feasible into new development, and shall be encouraged in existing development.

Consistent: The project will include bike racks to encourage bicycle use, and will maintain access to an existing easement along the Santa Ynez River, which is planned to accommodate a future multi-purpose trail under the City's 2012 Bicycle and Pedestrian Master Plan.

Policy C-16: The City shall require the provision of adequate off-street parking in conjunction with all new development. Parking shall be located convenient to new development and shall be easily accessible from the street.

Consistent: The proposed on-site parking meets Municipal Code requirements.

Policy C-20: In the process of considering development proposals the City shall use the full amount of discretion authorized in the municipal code and CEQA for setting conditions of approval to require new development to provide bicycle storage and parking facilities on-site as well as reserve an offer of dedication of right-of-way necessary for bikeway improvements.

Consistent: The project will include bike racks to encourage bicycle use, and will maintain access to an existing easement along the Santa Ynez River, which is planned to accommodate a future multi-purpose trail under the City's 2012 Bicycle and Pedestrian Master Plan.

Conservation and Open Space Element

Policy C/OS-2: Encourage implementation of Best Management Practices to eliminate/minimize the impacts of urban runoff and improve water quality.

Consistent: Development must follow all applicable regulations set forth by the Regional Water Quality Control Board and City of Buellton standards.

Noise Element

Policy N-7: Noise generated by construction activities should be limited to daytime hours to reduce nuisances at nearby noise receptors in accordance with the hours and days set in the adopted Standard Conditions of Approval.

Consistent: The project is subject to the construction restrictions outlined in the Standard Conditions of Approval.

Public Facilities and Services Element

Policy PF-6: All new development shall connect to City water and sewer systems.

Consistent: The project proposes to connect to the City's water and sewer systems.

Policy PF-9: Engineered drainage plans may be required for development projects which: (a) involve greater than one acre, (b) incorporate construction or industrial activities or have paved surfaces which may affect the quality of stormwater runoff, (c) affect the existing drainage pattern, and/or (d) has an existing drainage problem which requires correction. Engineered drainage plans shall incorporate a collection and treatment system for stormwater runoff consistent with applicable federal and State laws.

Consistent: A portion of the project site is within the 100-year floodplain of the Santa Ynez River, but no structures will be built within that area. Improvements will be constructed under

the direction of the Public Works Department, and will be required to comply with all applicable regulations of the Regional Water Quality Control Board.

Safety Element

Policy S-1: New development (habitable structures including commercial and industrial buildings) shall be set back at least 200 feet from the bank of the Santa Ynez River. A lesser setback may be allowed if a hydro-geologic study by a qualified professional can certify that a lesser setback will provide an adequate margin of safety from erosion and flooding due to the composition of the underlying geologic unit, to the satisfaction of the County Flood Control District, and a lesser setback will not adversely impact sensitive riparian corridors or associated plant and animal habitats, as determined by a qualified biologist, or planned trail corridors. Passive use trails may be allowed within setback areas.

Consistent: Proposed buildings within the project area will be setback at least 200 feet from the river bank.

Policy S-4: As a condition of approval, continue to require any new development to minimize flooding problems identified by the National Flood Insurance Rate Program.

Consistent: Onsite grading and fill will ensure that any building will be located at least 2 feet above the elevation of the 100-year flood zone.

Policy S-7: All new development shall satisfy the requirements of the California Building Code regarding seismic safety.

Policy S-9: Geologic studies shall be required as a condition of project approval for new development on sites with slopes greater than 10%, and in areas mapped by the Natural Resource Conservation Service (NRCS) as having moderate or high risk of liquefaction, subsidence and/or expansive soils.

Policy S-10: Require that adequate soils, geologic and structural evaluation reports be prepared by registered soils engineers, engineering geologists, and/or structural engineers, as appropriate, for all new development proposals for subdivisions or structures for human occupancy.

Consistent: A soils investigation has been prepared for the project and the project is subject to the California Building Code. The Public Works department will evaluate the project plans and follow the recommendations of any soils investigation they may require for the project.

Policy S-12: New development should minimize erosion hazards by incorporating features into site drainage plans that would reduce impermeable surface area, increase surface water infiltration, and/or minimize surface water runoff during storm events. Such features may include:

- *Additional landscape areas,*
- *Parking lots with bio-infiltration systems,*
- *Permeable paving designs, and*
- *Storm water detention basins.*

Consistent: The Public Works Department will evaluate the proposed project design and require the features described in the policy to the extent feasible and consistent with the proposed use.

Project Consistency with RS-6 and OS Zoning District Standards

Development Standard	Ordinance Requirement	Proposed Project/Consistency
Land Use:	Allowed Uses: See code sections 19.02.110 and 310	Consistent; Proposed uses would conform to allowed uses in the RS and OS zone, per the Buellton Municipal Code.
Minimum Lot Size	RS-6: 6,500 SF minimum for new subdivisions; OS: no minimum.	n/a
Setbacks: Front, Side, Rear	BMC 19.04.160.B.4 – Odd-Shaped Lots. The director shall determine the required setbacks, which widths and depths shall approximate as closely as possible the required widths and depths of corresponding setbacks on rectangular lots in the applicable zone districts.	Consistent
Interior Setback	5 ft. minimum between a habitable building and any other building, or as required by the Uniform Building Code (UBC);	n/a
Site Coverage	RS: No maximum OS: None Required	n/a
Open Space	RS: None required OS: n/a	n/a
Height Limit	RS: 35 ft. maximum OS: 25 ft. maximum	Consistent
Parking (BMC 19.04.142.C)	**4-acre Upper Portion** • Library/Community rooms (converted residence) o 3,200 sf @ 1 per 300 SF = **11 spaces** o 4 employees @ 1 per 2 employees = **2 spaces** • Wedding/Event facility (existing Barn (7,000 sf,) o 7,000 sf @ 1/ 300 sf of assembly area = **24 spaces** • Outdoor Children's museum (1,600 sf covered area) o 1,600 sf @ 1 per 300 sf = **6 spaces** o 2 employees @ 1 per 2 employees = **1 space** ➢ **Upper Portion Parking Req't = 44 spaces*** **20-acre Lower Portion** • Sports Facilities/Playfield o ***No Comparable Standard in Code*** o Supplemental parking proposed = **40 spaces** • Existing Use - SYV Horseback Ride o Allocation per CUP = **12 spaces** ➢ **Lower Portion Parking Proposed = 52 spaces*** **Est'd Minimum (*) Parking Demand = 96 spaces*** (for Upper and Lower Portion Uses) **Parking Provided in new Lower Lot = 112 spaces** (*) Additional parking required for larger events would use overflow parking area in adjacent field and/or paved parking lots in main River View Park Complex.	n/a
Landscaping	BMC 19.02.330 and 19.04.120 ➢ not specified for proposed uses.	n/a
	Source: City of Buellton Municipal Code, Title 19, Zoning	

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES - Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X

a, b. Mineral Resources: The site does not support significant mineral resources, nor have any been identified in local plans or resource inventories. The proposed project would not result in impacts to mineral resources.

Findings and Mitigation: No impacts would occur, therefore, no mitigation is required.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporation	Less Than Significant Impact	No Impact
XIII. NOISE - Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?		X		
b) Generation of excessive groundborne vibration or groundborne noise levels?			X	
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X	

The noise section has been prepared by Ambient under contract to the City of Buellton. All data used in the creation of this section is on file at the Buellton Planning Department and is hereby incorporated by reference into this Initial Study. Table numbers, figure numbers and appendix numbers shown in this section correspond to the May 2023 Noise and Groundborne Vibration Assessment prepared by Ambient, and included in in Appendix D to this Initial Study.

Setting

Extensive setting information, including the technical characteristics of noise and the regulatory framework for addressing noise issues, is included in the noise report attached as Appendix D. A brief summary of nearly noise-sensitive receptors and ambient noise levels is included below, and described more fully in Appendix D.

Noise-Sensitive Receptors

Noise-sensitive land uses are generally considered to include those uses where noise exposure could result in health-related risks to individuals, as well as places where quiet is an essential element of their intended purpose. Residential dwellings are of primary concern because of the potential for increased and prolonged exposure of individuals to both interior and exterior noise

levels. Additional land uses such as parks, historic sites, cemeteries, and recreation areas are also considered sensitive to increases in exterior noise levels. Schools, churches, hotels, libraries, and other places where low interior noise levels are essential are also considered noise-sensitive land uses. Noise-sensitive receptors in the project area consist predominantly of residential dwellings generally located north and east of the project site, River View Park is located adjacent to and west of the project site.

Ambient Noise Levels

To document existing ambient noise levels at the project site, short-term ambient noise measurements were conducted on April 20, 2023. Noise measurements were conducted using a SoftdB Piccolo Type II sound-level meter positioned at a height of approximately 5 feet above ground level. Noise measurement equipment was calibrated prior to and upon completion of the noise measurement survey. Measured ambient noise levels ranged from 41.2 to 44.6 dBA Leq. Based on the ambient noise measurements conducted, the noise environment in the proposed project area is defined primarily by vehicular traffic on area roadways. To a lesser extent, activities at nearby park and residential land uses (e.g., landscape maintenance) also contributes to ambient noise levels in the project area.

Groundborne Vibration

Vibration is like noise in that it involves a source, a transmission path, and a receiver. While vibration is related to noise, it differs in that noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of amplitude and frequency. A person's perception of the vibration will depend on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating. Vibration can be measured in terms of acceleration, velocity, or displacement. Measurements in terms of velocity are expressed as peak particle velocity (ppv) with units of inches per second (in/sec).

There are no federal, state, or local regulatory standards for groundborne vibration. However, the California Department of Transportation (Caltrans) has developed vibration criteria based on potential structural damage risks and human annoyance, which are summarized in Table 5 of Appendix D.

Significance Thresholds

The CEQA Guidelines do not define the levels at which temporary and permanent increases in ambient noise are considered "substantial." As discussed previously in this section, a noise level increase of 3 dBA is barely perceptible to most people, an increase of 5 dBA is readily noticeable, and a difference of 10 dBA would be perceived as a doubling of loudness. In accordance with the City of Buellton General Plan noise standards, a significant increase in ambient noise levels would be defined as an increase of 5 dBA or greater for an ambient noise level of less than 60 dB; a 3 dB, or greater, increase in an ambient noise level of 60-65 dB; or a 1.5 dB greater, increase in an ambient noise level above 65 dB (Refer to Table 2). In order for a receptor to have a significant impact there would need to be a substantial increase that would also exceed the City's applicable noise standards, as summarized in Table 3 of Appendix D.

The CEQA Guidelines also do not define the levels at which groundborne vibration levels would be considered excessive. For this reason, Caltrans recommended groundborne vibration thresholds were used for the evaluation of impacts based on increased potential for structural

damage and human annoyance, as identified in Table 5 of Appendix D. For purposes of this analysis, risks of architectural damage (i.e., minor cracking of plaster walls and ceilings) and significant increases in human annoyance would be considered potentially significant if ground vibration levels at nearby structures would exceed 0.5 in/sec ppv.

Methodology

Construction Impacts

Short-term noise impacts associated with construction activities were analyzed based on typical construction equipment noise levels and distances to the nearest noise-sensitive land usage. Noise levels were predicted based on representative off-road equipment noise levels derived from the Federal Highway Administration's (FHWA) Roadway Construction Noise Model based on average equipment usage rates and assuming a noise-attenuation rate of 6 dB per doubling of distance from the source.

Operational Impacts

Noise levels generated by other on-site noise sources, including paly areas, sports fields, and event center activities were assessed based on representative noise levels obtained from similar sources. Noise levels associated with vehicle parking areas were calculated in accordance with FTA's Transit Noise and Vibration Impact Assessment Guidelines (2018) assuming a reference noise level of 92 dBA SEL. Average-hourly noise levels associated with vehicle parking-related activities were calculated based on the conservative assumption that all parking spaces would be accessed over a one-hour period. Increases in traffic noise levels were qualitatively assessed based, in part, on data derived from the traffic analysis prepared for this project and the City of Buellton General Plan Noise Element (ATE 2023, City of Buellton 2005).

Impact Analysis

a. The analysis that follows is a summarized version of what is included in the noise report included as Appendix D.

Construction-Related Noise Levels

Construction noise typically occurs intermittently and varies depending upon the nature or phase (e.g., land clearing, grading, excavation, and erection) of the activity. Noise generated by construction equipment, including earthmovers, material handlers, and portable generators, can reach high levels. Noise levels commonly associated with off-road equipment anticipated to be used during project construction are summarized in Table 6 of Appendix D. As shown in that table, instantaneous noise levels generated by individual pieces of off-road equipment typically range from approximately 77 to 90 dBA Lmax at 50 feet. Typical operating cycles may involve 2 minutes of full power, followed by 3 or 4 minutes at lower settings. Based on typical off-road equipment usage rates, average-hourly noise levels for individual equipment would be approximately 83 dBA Leq, or less, at 50 feet. Assuming that multiple pieces of equipment could be operating simultaneously, predicted average-hourly noise levels could reach levels of approximately 85 dBA Leq at 50 feet.

The nearest noise-sensitive receivers to the project site include existing residences generally located to the north and east of the project site. Assuming an average-hourly construction noise level of 85 dBA Leq at 50 feet and that construction activities were to occur at the nearest property boundary, predicted noise levels could potentially exceed the City's noise standard of

75 dBA Leq at nearby residential land uses. With regard to residential land uses, activities occurring during the more noise-sensitive nighttime hours are of particular concern given the potential for sleep disruption and increased levels of annoyance for building occupants. For these reasons, this impact would be considered *potentially significant*.

Mitigation Measures

> **Mitigation Measure Noise-1.** The following measures shall be implemented to reduce construction-generated noise levels:
>
> a) Construction activity shall be limited to the hours between 7:00 a.m. and 6:00 p.m. on weekdays, and between 9:00 a.m. and 5:00 p.m. on Saturdays (with City approval). Noise-generating construction activities shall be prohibited on Sundays and state or federal holidays. Construction equipment maintenance shall be limited to the same hours.
> b) Control noise at all construction sites through the provision of mufflers and the physical separation of machinery maintenance and equipment staging areas from adjacent residential land uses.
> c) Construction activities shall comply with the City of Buellton's noise-control ordinance requirements, including obtaining a permit if deemed necessary.

Significance After Mitigation

Implementation of the above mitigation measures would limit construction activities to less noise-sensitive periods of the day. The use of mufflers would reduce construction equipment noise levels by approximately 10 dBA. With the implementation of the above mitigation measures and given that construction activities would be short-term and intermittent, this impact would be considered *less than significant*.

Operational Noise Levels

Long-term, permanent increases in ambient noise levels would be primarily associated with potential increases in vehicle traffic on nearby roadways, as well as on-site activities. Noise levels commonly associated with these sources and potential impacts to nearby land uses are discussed as follows:

Vehicular Roadway Traffic. Typically, several thousand vehicles per day would be required before traffic noise levels along roadways would begin to exceed applicable noise standards at nearby noise-sensitive land uses. In addition, a double of vehicle traffic is typically required before a noticeable increase (i.e., 3 dB, or greater) in traffic noise levels would occur. Implementation of the proposed project would not result in a doubling of vehicle traffic along nearby major roadways. As a result, implementation of the proposed project would not result in a significant increase in traffic noise levels that would exceed applicable noise standards at nearby land uses. Other nearby local roadways in the project vicinity do not have sufficient volumes. This impact would be considered *less than significant.*

Compatibility of Proposed Land Uses with Predicted Future Traffic Noise Levels. As previously discussed, ambient noise levels at the project site are primarily influenced by vehicle traffic on area roadways. The nearest major roadway in the project vicinity is State Highway 246. The project site is not located within the predicted noise contours of major roadways (City of Buellton 2008). In addition, based on the ambient noise measurement surveys conducted,

ambient noise levels in the project area would not exceed the City's "normally acceptable" noise standards for land use compatibility of 65 dBA CNEL/Ldn. This impact would be considered *less than significant.*

Non-Transportation Noise Sources. Non-transportation noise sources associated with the proposed project having the greatest potential to adversely impact nearby residential land uses would be primarily associated with sports fields, special events, play areas, and vehicle parking lots. Predicted noise levels at the nearest residential land uses associated with these noise sources are summarized in Table 5. As depicted, predicted noise levels associated with these major onsite noise sources would not exceed the City's daytime noise standard of 65 dBA Leq at the property line of the nearest residential land uses. It is important to note that River View Park operational hours are typically limited to between the daytime hours of 8:00 a.m. and 9:00 p.m. However, in the event that special events were to extend beyond normal operational hours, predicted noise levels at nearby residential land uses could potentially exceed the City's nighttime noise standard of 45 dBA Leq. To be conservative, this impact is considered *potentially significant.*

Table 5. Predicted Non-Transportation Noise Levels at Nearest Residential Land Use

Source	Distance (feet)[1]	Noise Level dBA Leq without mitigation [2]	Exceeds Noise Standard?	
			Daytime [3] *(65 dBA Leq)*	Nighttime [4] *(45 dBA Leq)*
Sports Fields	400	42	No	No
Special Events	190	**58**	No	Yes
Outdoor Park/Children's Play Area	65	39	No	No
Parking Lot (112 spaces)	325	27	No	No

1. Based on distance from source center to the nearest residential property line.
2. Predicted noise levels were calculated based on noise measurement surveys at similar land uses. Parking lot noise levels were calculated assuming a maximum of 112 parking spaces at one location with all spaces accessed over a one-hour period. Parking noise levels were calculated using the FTA Noise Impact Assessment Spreadsheet (2018). Predicted noise levels exceeding applicable noise standard depicted in bold.
3. Daytime is between the hours of 7:00 a.m. and 10:00 p.m.
4. Nighttime is between the hours of 10:00 p.m. and 7:00 a.m.

Mitigation Measures

> **Mitigation Measure Noise-2.** Special events shall be prohibited between the hours of 10:00 p.m. and 7:00 a.m.

Significance after Mitigation

With the implementation of Mitigation Measure Noise-2, this impact would be considered **less than significant**.

b. Increases in groundborne vibration levels attributable to the proposed project would be primarily associated with short-term construction activities. Groundborne vibration levels associated with representative construction equipment likely to be required during project construction are summarized in Table 8 of Appendix D. As depicted, construction-generated vibration levels would range from approximately 0.003 to 0.21 in/sec ppv at 25 feet. The highest vibration levels would be associated with the use of vibratory rollers.

Implementation of the proposed project would not involve the demolition of existing structures. Offroad equipment used in the general vicinity of existing onsite and offsite structures, such as

development of the children's play area, would consist of smaller tractors and equipment. The use of larger heavy-duty equipment and vibratory rollers would not be largely associated with construction activities occurring in the southern portion of the project site associated with construction of the sports fields, as well as, parking areas. The use of larger off-road equipment and vibratory rollers would not be anticipated to occur within 25 feet of existing structures As a result, predicted construction vibration levels at existing structures would not exceed the minimum recommended criteria for structural damage or human annoyance (0.5 and 0.4 in/sec ppv, respectively). This impact would be considered *less than significant.*

c. The project site is not located within 2 miles of a public airport or private airstrip or within an airport land use planning area. The nearest airport is the Santa Ynez Airport, which is located approximately 7 miles east of the project site. The proposed project would not result in exposure of individuals to aircraft noise levels that would exceed applicable noise standards. As a result, this impact would be considered *less than significant.*

Findings and Mitigation: With proposed mitigation related to construction and operational impacts, all impacts would be less than significant.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporated**	**Less Than Significant Impact**	**No Impact**
XIV. POPULATION AND HOUSING -- Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

a. Population Growth: The site is planned for recreational development, and would not introduce new homes nor facilitate population growth. *No impacts* would occur.

b. Displacement: The site is vacant and as such would not displace any residents. *No impacts* would occur.

Findings and Mitigation: No impacts would occur, therefore, no mitigation is required.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporation**	**Less Than Significant Impact**	**No Impact**
XV. PUBLIC SERVICES - Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a) Fire protection?			X	
b) Police protection?			X	
c) Schools?				X
d) Parks?				X
e) Other public facilities?				X

a. Fire Services. The project area is served by Station 31 of the Santa Barbara County Fire Department located at 168 West Highway 246. The station is located within 0.6 miles of the project site and is within the 5-minute response time of the station. Fire protection impacts are considered *less than significant*.

b. Police Services. The project area is served by the City of Buellton Police Department which is contracted through the Santa Barbara County Sheriff's Department. One patrol officer is on duty at all times. *No significant impacts* have been identified with respect to police protection services.

c. School Services. The proposed project is recreational in nature and would not generate students, so *no impacts* to school would occur.

d. Parks. The project is recreational in nature, and would be generally beneficial with respect to providing facilities that support the function of nearby River View Park. *No impacts* would occur.

e. Other Public Facilities. *No impacts* to other public services or facilities have been identified.

Findings and Mitigation: Impacts are considered less than significant, therefore, no mitigation is required.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporated**	**Less Than Significant Impact**	**No Impact**
XVI. RECREATION -				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?			X	

a. Demand for Parks and Recreation. The project is recreational in nature, and would be generally beneficial with respect to providing facilities that support the function of nearby River View Park. *No impacts* would occur.

b. Construction of Recreational Facilities. The project is recreational in nature, and would be generally beneficial with respect to providing facilities that support the function of nearby River View Park. Potential physical impacts on the environment are discussed elsewhere within this Initial Study. No additional adverse impacts would occur.

Findings and Mitigation: No significant impacts would occur, so no mitigation is required.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII. TRANSPORTATION/TRAFFIC - Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?			X	
b) Conflict or be inconsistent with CEQA Guidelines § 15064.3, subdivision (b)?			X	
c) Substantially increase hazards to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d) Result in inadequate emergency access?			X	

a. and b. A trip generation study (March 10, 2023) has been prepared by Associated Transportation Engineers (ATE) for the project, and is included as Appendix E to this Initial Study. The findings of that study are summarized below and incorporated by reference. Background information in this analysis is also based on previous recent traffic reports prepared for other projects in Buellton. All relevant traffic studies are available for review at the Buellton Planning Department, 107 West Highway 246, Buellton and on the City of Buellton website.

Regional access to the project site is provided by US 101 via the SR 246 interchange. Vehicular access to the upper portion of the project site is proposed via a connection to Valley Dairy Drive. Vehicular access to the lower portion is proposed through River View Park via Sycamore Drive.

Existing Conditions

Existing Street Network

The circulation system is comprised of regional highways, arterials and collector streets, which are illustrated on Figure 1 of the Transportation Analysis dated July 18, 2017. The following text discusses the major roadways serving the site.

US Highway 101, located east of the Project, is a multi-lane highway serving the California coast between Los Angeles and San Francisco. US Highway 101 is 4-lanes wide in the City of Buellton and provides regional access to the Project.

SR 246, located north of the Project site, is an east-west state highway which extends from the Pacific Ocean west of Lompoc through Buellton, Solvang and Santa Ynez, to SR 154 on the east. SR 246 is a 4-lane arterial from the western Buellton city limit to Freear Drive near the Eastern city limit.

Avenue of Flags is a north-south arterial roadway which parallels the west side of US Highway 101. Avenue of Flags serves the business area of Buellton between the US 101 SB off-ramp and the Flying Flags RV Resort.

Industrial Way, located just east of the Project site is a north-south collector street which terminates approximately ¼ mile south of SR 246. Access to the Project is proposed via 2 driveways on Industrial Way that will serve the Project and the Terravant Wine building.

Sycamore Drive, located near the Project site, is a north-south collector street which terminates approximately a quarter-mile north and south of SR 246.

Project Trip Generation

The Willemsen Addition is an expansion of River View Park and is intended primarily for use by Buellton area residents. The traffic will generally be local in nature and not intended to be a regional destination and draw for the general public from other areas. Much of the activity and usage will be on weekends, with the possibility that some soccer related activities would occur on weekday afternoons. The AM and PM peak hour traffic will be minimal and will not affect the roadway or intersection operations in the Buellton area.

The proposed library and meeting room in the converted single-family residence will be a relocation of the existing library located in the existing Post Office complex, thus no increase in local traffic volumes.

Average daily trips for each of the activities are based on the probable numbers expected to attend events. A summary of the trips is shown in Table 6.

Table 6. Project Trip Generation

Activity/Use	Attendance/Size	ADT	
		Rate	Trips
Library	N/A	N/A	N/A
Large Events	150	1 per 2.5	40
Outdoor Activity	40	0.5	20
Horseback	12	2	24
Children's Museum	40	0.5	20
Soccer	150	1 per 2.5	60
Children's Museum Addition	20	0.5	10
		Total Trips	**174**

As shown in Table 6, the proposed project is forecast to generate a daily equivalent of 174 average daily trips.

Vehicle Miles Traveled (VMT) Analysis

The Willemsen Addition is considered a "Small Project" under the City of Buellton CEQA Guidelines, thus the VMT impact would be considered less than significant.

Summary

The Willemsen Addition to River View Park Project is forecast to generate a daily equivalent ADT of 174 trips. Recent State law has adopted Vehicle Miles Traveled (VMT) as the new CEQA metric to determine transportation impacts. The Project is considered a "Small Project" and therefore would have a *less than significant* VMT impact based on the City of Buellton CEQA guidelines.

Pedestrian and Bicycle Facilities

There are existing pedestrian sidewalks along both sides of Industrial Way from SR 246 and its terminus. Pedestrian sidewalks are also provided on both sides of State Route 246 between Avenue of Flags and Sycamore Drive. The City of Buellton's bicycle and pedestrian master plan proposes Class II bicycle routes for State Route 246 and Class III bicycle routes for Industrial Way. These facilities will be able to accommodate pedestrian and bicycle traffic generated by the Project.

c. Traffic Hazards. The project would not introduce any traffic hazards, since no new roadways would be built. *No impacts* would occur.

d. Emergency Access. The proposed project would not block or impair any identified emergency access routes, nor would it generate traffic that could impair such routes. Impacts would be *less than significant*.

Findings and Mitigation: Project impacts would be less than significant, and no mitigation is required.

ISSUES:	**Potentially Significant Impact**	**Less Than Significant With Mitigation Incorporated**	**Less Than Significant Impact**	**No Impact**
XVIII. TRIBAL CULTURAL RESOURCES - Would the project:				
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or				X
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.				X

a. Tribal Cultural Resources. The property consists of an existing residence, barn and accessory structures as well as a large, predominantly open space area with disturbed land, formerly used as a dairy farm, which is currently vacant and occasionally used as overflow parking for larger events at River View Park. The site is highly disturbed as a result of past flooding events. Therefore, if any tribal cultural resources were present on the site in the past, it is highly unlikely that they would be present today. Additionally, Mitigation Measure CR-1 in the Cultural Resources section includes a Halt Work Order requirement in the unlikely event that any cultural resources are discovered. The procedures laid out in this mitigation measure would be followed in the event any cultural resources are discovered. The City will follow the required AB52

consultation procedure that addresses this issue, which is a separate process from CEQA. No impacts to tribal cultural resources have been identified.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X	
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?			X	
c) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e) Comply with federal, state, and local statutes and regulations related to solid waste?			X	

a. and c. Water and Wastewater Facility and Other Utility Infrastructure. The General Plan already accounts for development of the intensity proposed as part of the project. Therefore, its water consumption and wastewater generation characteristics are already accounted for in the General Plan and associated Environmental Impact Report. There would be no residents at the site. The City has adequate water supply with its three sources of water. The City's wastewater treatment plant has a total capacity of 650,000 gallons per day, and has a current average daily flow of approximately 450,000 gallons per day. The existing wastewater treatment plant and sewer mains have sufficient capacity to accommodate the project's flows. Impacts would be *less than significant*.

The project would not significantly impact nor require the construction of any other utility infrastructure, including power supply and telecommunications.

b. Water Supplies. This project would increase the demand for domestic water from the City's supplies; however, the City has adequate supply to service the project without obtaining new or expanded water entitlements. The City has an estimated water supply capacity of 1,563 acre-feet per year. The estimated water demand for the project is 5.4 acre-feet per year. Impacts would be less than significant.

d. and e. Solid Waste. No significant solid waste impacts have been identified with respect to the proposed project. The project would be required to comply with all applicable state and local regulations with respect to solid waste disposal.

Findings and Mitigation: No significant impacts would occur, so no mitigation is required.

ISSUES:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
XX. WILDFIRE - Would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?			X	
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			X	
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			X	

a. Emergency Response/Evacuation. The proposed project would not block or impair any identified emergency access routes, nor would it generate traffic that could impair such routes. The project would not impair any emergency response or evacuation plan, and would not interfere with any emergency response efforts on nearby streets. *No impacts* would occur.

b., c. and d. Wildland Fire Hazards. The site is not in a wildland fire hazard area as identified in the Safety Element of the Buellton General Plan. The site is flat, and vegetation on the site would be well-maintained as part of the project, minimizing wildland fire risk. No fuel breaks or emergency water infrastructure are proposed or necessary to address potential risks. The site is not subject to landslides, and development would occur outside the floodplain, so secondary risks related to slope instability from fires is minimal. If the Fire Department determines the need, the project would be subject to conditions of approval related to reducing fire risk outside of the CEQA process. Impacts would be *less than significant*.

Findings and Mitigation: No significant impacts would occur, so no mitigation is required.

XXI. MANDATORY FINDINGS OF SIGNIFICANCE	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?		X		
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?		X		

a. Impacts related to drainage and water quality were determined to be less than significant. Compliance with stormwater and other water quality regulations ensures that the project's impacts are not cumulatively considerable. Potential impacts related to biological resources and cultural resources were identified, however the appropriate mitigation measures have been included to mitigate these impacts to a less than significant level and ensure that there are no cumulatively considerable impacts. The project is also required to comply with federal, state and local laws that address these resources. Standard conditions of approval would also apply. There are no important examples of major period of California history or prehistory that will be impacted by this project.

b. No potential cumulative impacts were identified for the project.

c. The incorporation of required mitigation measures and adherence to General Plan policies would reduce all impacts that have the potential to affect human beings to a less than significant level.

Appendix A

Project Vicinity Map


Site Location
1 inch = 1,000,000 feet
Site Location
Buellton
Solvang
Gaging Station
Gaging Stations
Mission Santa Ines
Source: Esri 2022
KEVIN MERK ASSOCIATES
1 inch = 8,000 feet
Willemsen Property Project
City of Buellton
Figure 1
Site Location Map

Appendix B

Project Site Plans

- *Existing Site Conditions*
- *Phase 1 – Proposed Uses*
- *Phase 2 – Proposed Uses*
- *Phases 1 and 2 Combined*



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PROJECT No. XXX-XXX-XXX

MARK	DATE	DESCRIPTION	BY

CITY OF BUELLTON

WILLEMSEN PROJECT
EXISTING SITE CONDITIONS

PROJ:	XXX-XXXX-XXXX
DESN:	OF
DRWN:	OF
CHKD:	BE

EH-01
SHEET 1 OF 4

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CHILDREN'S MUSEUM PHASE 1
0.8 ACRES UTILIZED

APN 099-66-035
1.43 ACRES
UTILIZED

VALLEY DAIRY RD

DAIRYLAND RD

NEW SEWER LATERAL

HORSE STABLES
(EXISTING)

PL

APN 990-670-005
3.10 ACRES UTILIZED

MEADOW VIEW DRIVE

0.056 ACRES

PROPOSED PARKING

APN 990-670-004
0.23 ACRES UTILIZED

DRAINAGE
BASIN

0.158 ACRES

PL

0.17 ACRES

RIVER VIEW PARK

LEGEND:

TOTAL
4.71 ACRES

PHASE 1:
- PROPOSED PARKING LIBRARY/COMMUNITY BUILDING
- EVENT FACILITY
- CHILDREN MUSEUM

NOTE (TENANT AND STRUCTURAL IMPROVEMENTS, NO FOOTPRINT CHANGE)

1	CHILDREN'S MUSEUM BUILDING	11	CHECK IN KIOSK OFFICE
2	MUD KITCHEN	12	HAND WASHING STATION
3	DIRT ZONE	13	SOUND CAVE
4	OUTDOOR CLASSROOM	14	RAIN GAZEBO & WATER RILL
5	POTTING TABLES	15	ACCESS ROAD
6	GREEN HOUSE	16	EVENT FACILITY
7	PLAY HOUSE	17	LIBRARY/COMMUNITY BUILDING
8	FAIRY TEA HOUSE	18	TEMPORARY ACCESS ROAD
9	DINO DIG		
10	5 CAR PARKING SPACES		

TEMPORARY ACCESS ROAD TO PARKING

EXISTING TREES

#	TREE	TRUNCK DIAMETER(ft)	CANOPY DIAMETER (ft)
T1	OAK	3'	15'
T2	COTTONWOOD	6'	15'
T3	EUCALYPTUS	4'	12'
T4	EUCALYPTUS	2'	6'
T5	OAK	8'	6'
T6	PEPPER	1'	5'
T7	OAK	3'	15'
T8	PINE	1'	11'
T9	PEPPER	1'	15'
T10	PEPPER	1'	15'
T11	PEPPER	2'	20'
T12	PEPPER	3'	30'

0 35' 70' 140'
SCALE: 1" = 70'

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MARK	DATE	DESCRIPTION	BY

CITY OF BUELLTON

WILLEMSEN PROJECT
PHASE 1
202 DAIRYLAND ROAD

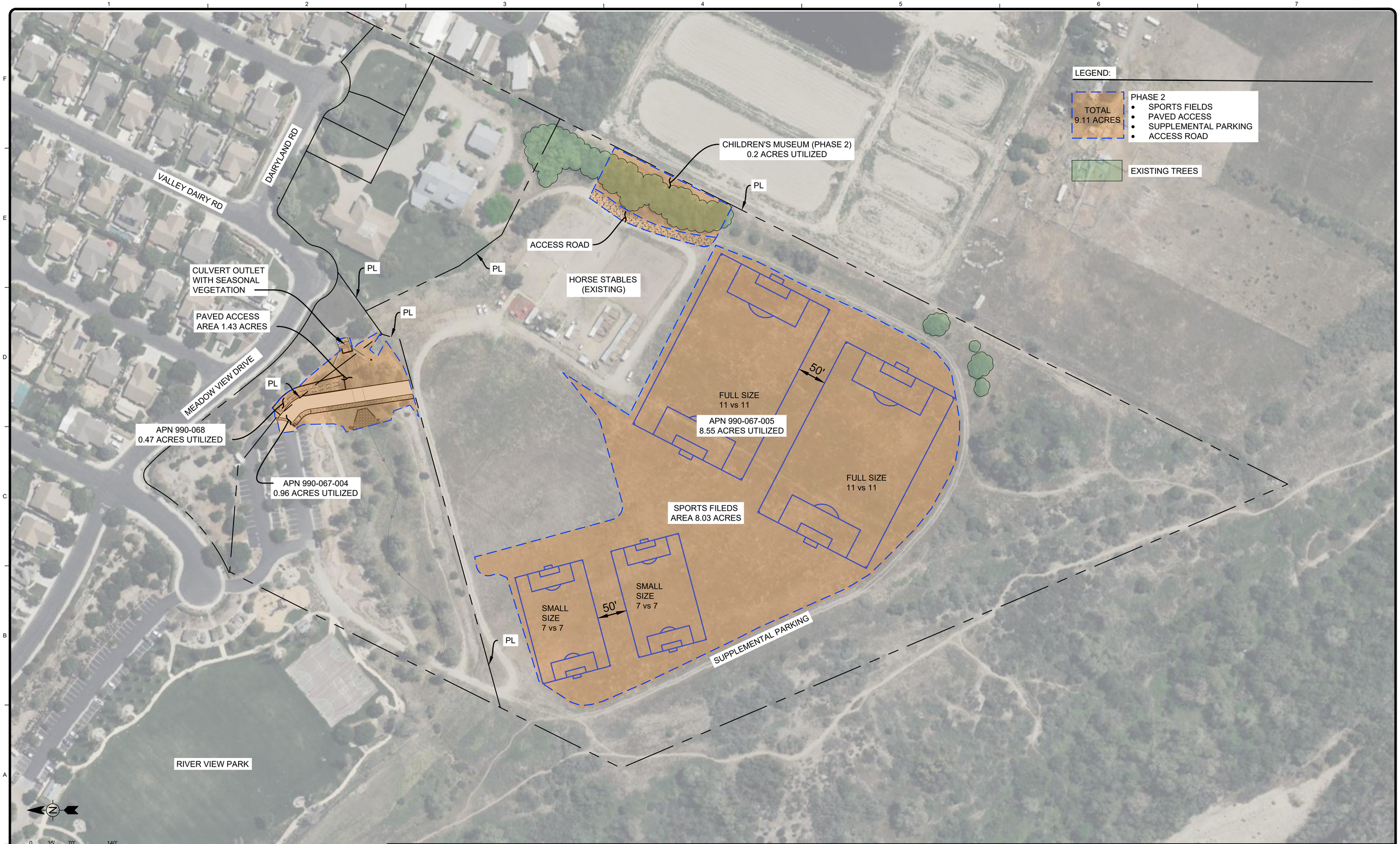
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MARK	DATE	DESCRIPTION	BY

CITY OF BUELLTON

WILLEMSEN PROJECT
PHASE 2
202 DAIRYLAND ROAD

PROJ:	XXX-XXXX-XXXX
DESN:	OF
DRWN:	OF
CHKD:	BE

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CHILDREN'S MUSEUM PHASE 1
0.8 ACRES UTILIZED

CHILDREN MUSEUM PHASE 2
0.2 ACRES UTILIZED

APN 099-66-035
1.43 ACRES
UTILIZED

VALLEY DAIRY RD

DAIRYLAND RD

ACCESS ROAD

PL

HORSE STABLES
(EXISTING)

CULVERT OUTLET
WITH SEASONAL
DRAINAGE

MEADOW VIEW DRIVE

APN 990-670-005
3.10 ACRES UTILIZED

0.056 ACRES

APN 990-068
0.47 ACRES UTILIZED

PROPOSED PARKING

FULL SIZE
11 vs 11

50'

0.96 ACRES

DRAINAGE
BASIN

SPORTS FILEDS
AREA 8.03 ACRES

SMALL
SIZE
7 vs 7

SMALL
SIZE
7 vs 7

50'

0.158 ACRES

SUPPLEMENTAL PARKING

0.17 ACRES

RIVER VIEW PARK

LEGEND:

TOTAL
4.71 ACRES

PHASE 1:
- PROPOSED PARKING LIBRARY/COMMUNITY BUILDING
- EVENT FACILITY
- CHILDREN MUSEUM

NOTE (TENANT AND STRUCTURAL IMPROVEMENTS, NO FOOTPRINT CHANGE)

1	CHILDREN'S MUSEUM BUILDING	11	CHECK IN KIOSK OFFICE
2	MUD KITCHEN	12	HAND WASHING STATION
3	DIRT ZONE	13	SOUND CAVE
4	OUTDOOR CLASSROOM	14	RAIN GAZEBO & WATER RILL
5	POTTING TABLES	15	ACCESS ROAD
6	GREEN HOUSE	16	EVENT FACILITY
7	PLAY HOUSE	17	LIBRARY/COMMUNITY BUILDING
8	FAIRY TEA HOUSE	18	TEMPORARY ACCESS ROAD
9	DINO DIG		
10	5 CAR PARKING SPACES		

TOTAL
9.11 ACRES

PHASE 2
- SPORTS FIELDS
- PAVED ACCESS
- SUPPLEMENTAL PARKING
- ACCESS ROAD

TEMPORARY ACCESS ROAD TO PARKING

EXISTING TREES

#	TREE	TRUNCK DIAMETER(ft)	CANOPY DIAMETER (ft)
T1	OAK	3'	15'
T2	COTTONWOOD	6'	15'
T3	EUCALYPTUS	4'	12'
T4	EUCALYPTUS	2'	6'
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MARK	DATE	DESCRIPTION	BY

CITY OF BUELLTON

WILLEMSEN PROJECT
PHASE 1 & PHASE 2

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CHKD:	BE

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Appendix C

Air Quality and Greenhouse Gas Assessment, May 2023

AIR QUALITY & GREENHOUSE GAS IMPACT ASSESSMENT

FOR

CITY OF BUELLTON'S WILLEMSEN ADDITION TO RIVER VIEW PARK

MAY 2023

PREPARED BY:

AMBIENT
AIR QUALITY & NOISE CONSULTING

75 SOUTH HIGUERA ST. SUITE 105
SAN LUIS OBISPO, CA 93401
TEL: 805.226.2727

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APPENDICES

Appendix A: Emissions Modeling

LIST OF COMMON TERMS & ACRONYMS

AAQS	Ambient Air Quality Standards
AB	Assembly Bill
ACM	Asbestos-Containing Material
APS	Alternative Planning Strategy
AQAP	Air Quality Attainment Plan
ARB	California Air Resources Board
BSC	Building Standards Commission
C_2F_6	Perfluoroethane
C_3F_8	Perfluoropropane
C_4F_{10}	Perfluorobutane
C_4F_8	Perfluorocyclobutane
C_5F_{12}	Perfluoropentane
C_6F1_4	Perfluorohexane
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CF_4	Perfluoromethane
CH_4	Methane
CNG	Compressed Natural Gas
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
DPM	Diesel-Exhaust Particulate Matter or Diesel-Exhaust PM
EIR	Environmental Impact Report
EV	Electric Vehicle
FCAA	Federal Clean Air Act
GHG	Greenhouse Gases
GWP	Global Warming Potential
HAP	Hazardous Air Pollutant
HFC	Hydrofluorocarbons
ITE	Institute of Transportation Engineers
LNG	Liquefied Natural Gas
LOS	Level of Service
MMT	Million Metric Tons
MPO	Metropolitan Planning Organization
$MTCO_2e$	Million Metric Tons of Carbon Dioxide
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NESHAPs	National Emission Standards for HAPs
NF_3	Nitrogen Trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	Nitrogen Dioxide
NOA	Naturally-Occurring Asbestos

NO_x	Oxides of Nitrogen
O_3	Ozone
Pb	Lead
PFC	Perfluorocarbons
PM	Particulate Matter
PM_{10}	Particulate Matter (less than 10 µm)
$PM_{2.5}$	Particulate Matter (less than 2.5 µm)
ppb	Parts per Billion
ppm	Parts per Million
PV	Photovoltaic
ROC	Reactive Organic Compounds
ROG	Reactive Organic Gases
RTP	Regional Transportation Plan
SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SBCAG	Santa Barbara County Association of Governments
SBCAPCD	Santa Barbara County Air Pollution Control District
SCCAB	South Central Coast Air Basin
SCS	Sustainable Communities Strategy
SF_6	Sulfur Hexafluoride
SLCP	Short-lived Climate Pollutant
SO_2	Sulfur Dioxide
SP	Service Population
TAC	Toxic Air Contaminant
U.S. EPA	United State Environmental Protection Agency
VMT	Vehicle Miles Traveled
µg/m^3	Micrograms per cubic meter
µm	Micrometer

INTRODUCTION

This report provides an analysis of noise impacts associated with the City of Buellton's Willemsen Addition to River View Park. This report also provides a summary of existing conditions in the project area and the applicable regulatory framework pertaining to air quality and climate change.

PROJECT DESCRIPTION

The Project consists of a Final Development Plan (22-FDP-XX) to construct a multi-purpose recreational and event facility on a 24+/- acre site (APNs 099-660-032, -033, -034, -035, & 099-670-005). The site is divided into a 4-acre upper portion and a 20-acre lower portion. Figure 1 illustrates the Project site plan.

The upper portion (about 4 acres) contains an existing residence (3,200 square feet), an existing dairy barn (designated as a historic structure by the City of Buellton), and an existing 1,600 square foot open storage shed. The lower portion (about 20 acres) is vacant (except for the 1.25-acre horseback riding facility already operating). Was formerly used for hay farming (at least 8-10 years ago).

Proposed uses for the upper portion consist of:

- Library (approximately 2,430 square feet) and Community rooms (1,565 square feet) in converted existing residence - Given library facilities in Solvang, Goleta, Lompoc, and Los Alamos, library patrons are expected to primarily be residents of Buellton and nearby rural residents.
- Wedding/Event facility in Barn (about 7,000 square feet) includes warming kitchen and 2nd floor apartment space (up to 150 persons per event). These events are expected to occur about 1 per month;
- Outdoor active play area "Children's Museum" - about 30,00 square feet of area, including 1,600 square feet of covered space (current open storage shed). Restroom facilities and play equipment to be installed. This use is intended to serve the general Santa Ynez Valley population.

Proposed uses for the lower portion consist of:

- 1.25-acre horseback riding center (horse corrals and small office structure w/ storage. Approximately 24 trips per day maximum anticipated;
- Paved parking lot (about 1.5 acres) with about 112 parking spaces to serve upper and lower portion uses. Future restroom facility. Parking area to be reached by new access road across (non-jurisdictional) drainage channel from River View Park east parking lot;
- Possible 10,000 square feet expansion of Children's Museum play area
- Sport facilities/play fields (about 15 acres) with parking and restroom facilities: 2 full sized soccer fields, of which 1 will not be available for open play, but only used for infrequent club events, 1 mid-sized field, and 1 small sized soccer field, baseball/softball field, 2 pickleball/multi-use courts, some supplemental parking (40 spaces) and restroom facility - non-club fields and courts will primarily serve local valley recreational needs. Soccer fields could accommodate small tournaments (4 per year max anticipated). Approximately 2,150 trips generated per tournament over the course of an 8 to 10-hour day. Tournaments held in this location are expected to relocate here from other less desirable sites in the Santa Ynez Valley that are currently used for soccer tournaments;
- Assume about 2.5 acres to remain undeveloped (berm along south boundary of property/well area).

Figure 1. Proposed Project Site Plan



AIR QUALITY

Existing Setting

Nearby Land Uses

Land uses located near the project site include a mix of commercial, medical, and residential land uses. The nearest commercial land uses are located approximately 50 feet to the north and approximately 100 feet to the east (Home Motors). The nearest medical land uses are located approximately 600 feet to the south. The nearest residential land uses include multi-family residences located approximately 400 feet to the north.

Meteorological Conditions

The City of Buellton is located in the South Central Coast Air Basin (SCCAB), which includes all of San Luis Obispo, Santa Barbara, and Ventura counties and is within the jurisdiction of the SBCAPCD.

The air quality in the SCCAB is influenced by both local topography and meteorological conditions. Surface and upper-level wind flow vary both seasonally and geographically in the SCCAB and inversion conditions common to the area can affect the vertical mixing and dispersion of pollutants. The prevailing wind flow patterns in the SCCAB are not necessarily those that cause high ozone values. High ozone values are often associated with atypical wind flow patterns. Meteorological and topographical influences are important to air quality in Santa Barbara County and throughout the SCCAB. Semi-permanent high pressure that lies off the Pacific Coast generally leads to limited rainfall, with warm, dry summers and relatively damp winters. Maximum summer temperatures average about 70 degrees Fahrenheit near the coast and in the high 80s to 90s inland. During winter, average minimum temperatures range from the 40s along the coast to the 30s inland. Additionally, cool, humid, marine air causes frequent fog and low clouds along the coast, generally during the night and morning hours in the late spring and early summer. The fog and low clouds can persist for several days until broken up by a change in the weather pattern (SBCAPCD 2001).

In the northern portion of the county (north of the ridgeline of the Santa Ynez Mountains), the sea breeze (from sea to land) is typically northwesterly throughout the year while the prevailing sea breeze in the southern portion of the county is from the southwest. During summer, these winds are stronger and persist later into the night. At night, the sea breeze weakens and is replaced by light land breezes (from land to sea). The alternation of the land-sea breeze cycle can sometimes produce a "sloshing" effect, where pollutants are swept offshore at night and subsequently carried back onshore during the day. This effect is exacerbated during periods when wind speeds are low (SBCAPCD 2001).

The terrain around Point Conception, combined with the change in orientation of the coastline from north-south to east-west can cause counterclockwise circulation (eddies) to form east of the Point. These eddies fluctuate temporally and spatially, often leading to highly variable winds along the southern coastal strip. Point Conception also marks the change in the prevailing surface winds from northwesterly to southwesterly (SBCAPCD 2001).

Santa Ana winds are northeasterly winds that occur primarily during fall and winter, but occasionally in spring. These are warm, dry winds blown from the high inland desert that descend down the slopes of a mountain range. Wind speeds associated with Santa Ana's are generally 15-20 mph, though they can sometimes reach speeds in excess of 60 mph. During Santa Ana conditions, pollutants emitted in Santa Barbara, Ventura County, and the South Coast Air Basin (the Los Angeles region) are moved out to sea. These pollutants can then be moved back onshore into Santa Barbara County in what is called a "post-Santa Ana condition." The effects of the post-Santa Ana condition can be experienced throughout the county. Not all post-Santa Ana conditions, however, lead to high pollutant concentrations in Santa Barbara County (SBCAPCD 2001).

Upper-level winds (measured at Vandenberg Air Force Base once each morning and afternoon) are generally from the north or northwest throughout the year, but occurrences of southerly and easterly winds do occur in winter, especially during the morning. Upper-level winds from the south and east are infrequent during the summer. When they do occur during summer, they are usually associated with periods of high ozone levels. Surface and upper-level winds can move pollutants that originate in other areas into the county (SBCAPCD 2001).

Surface temperature inversions (0-500 ft) are most frequent during the winter, and subsidence inversions (1000-2000 ft) are most frequent during the summer. Inversions are an increase in temperature with height and are directly related to the stability of the atmosphere. Inversions act as a cap to the pollutants that are emitted below or within them and ozone concentrations are often higher directly below the base of elevated inversions than they are at the earth's surface. For this reason, elevated monitoring sites will occasionally record higher ozone concentrations than sites at lower elevations. Generally, the lower the inversion base height and the greater the rate of temperature increase from the base to the top, the more pronounced effect the inversion will have on inhibiting vertical dispersion. The subsidence inversion is very common during summer along the California coast and is one of the principal causes of air stagnation (SBCAPCD 2001).

Poor air quality is usually associated with "air stagnation" (high stability/restricted air movement). Therefore, it is reasonable to expect a higher frequency of pollution events in the southern portion of the county where light winds are frequently observed, as opposed to the northern part of the county where the prevailing winds are usually strong and persistent (SBCAPCD 2001).

Criteria Air Pollutants

For the protection of public health and welfare, the Clean Air Act (CAA) required that the United States Environmental Protection Agency (U.S. EPA) establish National Ambient Air Quality Standards (NAAQS) for various pollutants. These pollutants are referred to as "criteria" pollutants because the U.S. EPA publishes criteria documents to justify the choice of standards. These standards define the maximum amount of an air pollutant that can be present in ambient air without harm to the public's health. An ambient air quality standard is generally specified as a concentration averaged over a specific time period, such as one hour, eight hours, 24 hours, or one year. The different averaging times and concentrations are meant to protect against different exposure effects. The CAA allows states to adopt additional or more health-protective standards. The air quality regulatory framework and ambient air quality standards are discussed in greater detail later in this report.

Human Health & Welfare Effects

Common air pollutants and associated adverse health and welfare effects are summarized in Table AQ-1. Within the SCCAB, the air pollutants of primary concern, with regard to human health, include ozone (O_3), particulate matter (PM), and carbon monoxide (CO). As depicted in Table AQ-1, exposure to increased pollutant concentrations of O_3, PM, and CO can result in various heart and lung ailments, cardiovascular and nervous system impairment, and death.

Odors

Typically, odors are generally regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (i.e., irritation, anger, or anxiety) to the physiological, including circulatory and respiratory effects, nausea, vomiting, and headache.

Neither the state nor the federal governments have adopted rules or regulations for the control of odor sources. The SBCAPCD does not have an individual rule or regulation that specifically addresses odors; however, odors would be applicable to SBCAPCD Rule 303, Nuisance. Any actions related to odors would be based on citizen complaints to local governments and the SBCAPCD. The SBCAPCD recommends that odor impacts be addressed in a qualitative manner. Such analysis shall determine if the project results in excessive nuisance odors, as defined under the California Code of Regulations, Health & Safety Code Section 41700, air quality public nuisance.

Table AQ-1. State and Federal Criteria Air Pollutant Effects and Sources

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
Ozone (O_3)	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known toxic air contaminants. Biogenic VOC may also contribute.	Low-altitude ozone is almost entirely formed from reactive organic gases/volatile organic compounds (ROG or VOC) and nitrogen oxides (NOx) in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.
Respirable Particulate Matter (PM_{10})	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some toxic air contaminants. Many toxic and other aerosol and solid compounds are part of PM_{10}.	Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.
Fine Particulate Matter ($PM_{2.5}$)	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a toxic air contaminant – is in the $PM_{2.5}$ size range. Many toxic and other aerosol and solid compounds are part of $PM_{2.5}$.	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NOx, sulfur oxides (SOx), ammonia, and ROG.
Carbon Monoxide (CO)	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical ozone. Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.
Nitrogen Dioxide (NO_2)	Irritating to eyes and respiratory tract. Colors atmosphere reddish-brown. Contributes to acid rain & nitrate contamination of stormwater. Part of the "NOx" group of ozone precursors.	Motor vehicles and other mobile or portable engines, especially diesel; refineries; industrial operations.
Sulfur Dioxide (SO_2)	Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limit's visibility.	Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used.
Lead (Pb)	Disturbs gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also, a toxic air contaminant and water pollutant.	Lead-based industrial processes like battery production and smelters. Lead paint, leaded gasoline. Aerially deposited lead from older gasoline use may exist in soils along major roads.
Visibility-Reducing Particles (VRP)	Reduces visibility. Produces haze. NOTE: not directly related to the Regional Haze program under the Federal Clean Air Act, which is oriented primarily toward visibility issues in National Parks and other "Class I" areas. However, some issues and measurement methods are similar.	See particulate matter above. May be related more to aerosols than to solid particles.
Sulfate	Premature mortality and respiratory effects. Contributes to acid rain. Some toxic air contaminants attach to sulfate aerosol particles.	Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas.
Hydrogen Sulfide (H_2S)	Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor.	Industrial processes such as: refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs.
Vinyl Chloride	Neurological effects, liver damage, cancer. Also considered a toxic air contaminant.	Industrial processes.

Source: CAPCOA 2021

Toxic Air Contaminants

Toxic air contaminants (TACs) are air pollutants that may cause or contribute to an increase in mortality or serious illness, or which may pose a hazard to human health. TACs are usually present in minute quantities in the ambient air, but due to their high toxicity, they may pose a threat to public health even at very low concentrations. Because there is no threshold level below which adverse health impacts are not expected to occur, TACs differ from criteria pollutants for which acceptable levels of exposure can be determined and for which state and federal governments have set ambient air quality standards. TACs, therefore, are not considered "criteria pollutants" under either the Federal Clean Air Act (FCAA) or the California Clean Air Act (CCAA) and are thus not subject to National or State Ambient Air Quality Standards (AAQS). TACs are not considered criteria pollutants in that the FCAA and CCAA do not address them specifically through the setting of National or State AAQS. Instead, the U.S. EPA and California Air Resources Board (ARB) regulate Hazardous Air Pollutants (HAPs) and TACs, respectively, through statutes and regulations that generally require the use of the maximum or best available control technology to limit emissions. In conjunction with District rules, these federal and state statutes and regulations establish the regulatory framework for TACs. At the national level, the U.S. EPA has established National Emission Standards for HAPs (NESHAPs), in accordance with the requirements of the FCAA and subsequent amendments. These are technology-based source-specific regulations that limit allowable emissions of HAPs.

Within California, TACs are regulated primarily through the Tanner Air Toxics Act (Assembly Bill [AB] 1807) and the Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588). The Tanner Act sets forth a formal procedure for ARB to designate substances as TACs. This includes research, public participation, and scientific peer review before ARB designates a substance as a TAC. Existing sources of TACs that are subject to the Air Toxics Hot Spots Information and Assessment Act are required to: (1) prepare a toxic emissions inventory; (2) prepare a risk assessment if emissions are significant; (3) notify the public of significant risk levels; and (4) prepare and implement risk reduction measures.

At the state level, the ARB has authority for the regulation of emissions from motor vehicles, fuels, and consumer products. More recently, diesel-exhaust particulate matter (DPM) was added to the ARB list of TACs. DPM is the primary TACs of concern for mobile sources. Of all controlled TACs, emissions of DPM are estimated to be responsible for about 70 percent of the total ambient TAC risk. The ARB has made the reduction of the public's exposure to DPM one of its highest priorities, with an aggressive plan to require cleaner diesel fuel and cleaner diesel engines and vehicles (ARB 2005).

At the local level, air districts have authority over stationary or industrial sources. For SBCAPCD, if a project may emit TACs, or if toxic contaminants may already be present at the project site, and there are sensitive receptors nearby, a screening health risk assessment using worst-case scenario assumptions may be warranted.

Asbestos

Asbestos is the common name for a group of naturally-occurring fibrous silicate minerals that can separate into thin but strong and durable fibers. Naturally-occurring asbestos (NOA), which was identified as a TAC in 1986 by ARB, is located in many parts of California and is commonly associated with ultramafic rock. Asbestos-containing material (ACM) may be present in existing structures. The demolition of existing structures may be subject to regulatory requirements for the control of ACM.

SBCAPCD states that if a residential building with more than four units or a commercial building is to be demolished or renovated, or the structure is considered a "regulated structure" (e.g., bridges, caissons, etc.), the project proponent must complete SBCAPCD Form ENF-28: Notification for Renovation and Demolition or APCD Form ENF-28e: EXEMPTION from Notification for Renovation and Demolition and the SBCAPCD must be notified even if the building does not contain any asbestos. However, if the project is only a renovation, no notification is required unless the renovation involves disturbing a threshold amount of regulated asbestos materials (SBCAPCD 2021b).

Regulatory Framework

Air quality within the SCCAB is regulated by several jurisdictions including the U.S. EPA, ARB, and the SBCAPCD. Each of these jurisdictions develops rules, regulations, and policies to attain the goals or directives imposed upon them through legislation.

Federal

U.S. Environmental Protection Agency

At the federal level, the U.S. EPA has been charged with implementing national air quality programs. The U.S. EPA's air quality mandates are drawn primarily from the FCAA, which was signed into law in 1970. Congress substantially amended the FCAA in 1977 and again in 1990.

Federal Clean Air Act

The FCAA required the U.S. EPA to establish NAAQS, and also set deadlines for their attainment. Two types of NAAQS have been established: primary standards, which protect public health, and secondary standards, which protect public welfare from non-health-related adverse effects, such as visibility restrictions. NAAQS are summarized in Table AQ-2.

State

California Air Resources Board

The ARB is the agency responsible for coordination and oversight of state and local air pollution control programs in California and for implementing the CCAA of 1988. Other ARB duties include monitoring air quality (in conjunction with air monitoring networks maintained by air pollution control districts and air quality management districts, establishing California Ambient Air Quality Standards (CAAQS), which in many cases are more stringent than the NAAQS, and setting emissions standards for new motor vehicles. The CAAQS are summarized in Table AQ-2. The emission standards established for motor vehicles differ depending on various factors including the model year, and the type of vehicle, fuel, and engine used.

California Clean Air Act

The CCAA requires that all air districts in the state endeavor to achieve and maintain CAAQS for O_3, CO, sulfur dioxide (SO_2), and NO_2 by the earliest practicable date. The CCAA specifies that districts focus particular attention on reducing the emissions from transportation and area-wide emission sources, and the act provides districts with authority to regulate indirect sources. Each district plan is required to either (1) achieve a five percent annual reduction, averaged over consecutive 3-year periods, in district-wide emissions of each non-attainment pollutant or its precursors, or (2) to provide for the implementation of all feasible measures to reduce emissions. Any planning effort for air quality attainment would thus need to consider both state and federal planning requirements.

Assembly Bills 1807 & 2588 - Toxic Air Contaminants

Within California, TACs are regulated primarily through AB 1807 (Tanner Air Toxics Act) and AB 2588 (Air Toxics Hot Spots Information and Assessment Act of 1987). The Tanner Air Toxics Act sets forth a formal procedure for ARB to designate substances as TACs. This includes research, public participation, and scientific peer review before ARB designates a substance as a TAC. Existing sources of TACs that are subject to the Air Toxics Hot Spots Information and Assessment Act are required to: (1) prepare a toxic emissions inventory; (2) prepare a risk assessment if emissions are significant; (3) notify the public of significant risk levels; and (4) prepare and implement risk reduction measures.

Table AQ-2. Santa Barbara County Attainment/Nonattainment Classification Summary

Pollutant	Averaging Time	California Standards		National Standards	
		Concentration	Attainment Status	Concentration	Attainment Status
Ozone	8 hour	0.070 ppm	A	0.070 ppm	U/A
	1 hour	0.09 ppm (180 µg/m³)	A	—	—
Carbon Monoxide	8 hour	9.0 ppm (10 mg/m³)	A	9.0 ppm (10 µg/m³)	A
	1 hour	20.0 ppm (23 mg/m³)	A	35.0 ppm (40 µg/m³)	A
Nitrogen Dioxide	annual average	0.030 ppm (56 µg/m³)	A	53 ppb	U/A
	1 hour	0.18 ppm (338 µg/m³)	A	100 ppb	U/A
Sulfur Dioxide	annual average	—	—	Revoked	—
	24 hour	0.04 ppm (105 µg/m³)	A	Revoked	—
	1 hour	0.25 ppm (655 µg/m³)	A	75 ppb	*
Particulate Matter (PM_{10})	annual arithmetic mean	20 µg/m³	N	Revoked	A
	24 hour	50 µg/m³	N	150 µg/m³	A
Particulate Matter – Fine ($PM_{2.5}$)	annual arithmetic mean	12µg/m³	U	12.0 µg/m³	U/A
	24 hour	—	—	35 µg/m³	U/A
Sulfates	24 hour	25 µg/m³	A	—	—
Lead	calendar quarter	—	—	1.5 µg/m³	A
	30 day average	1.5 µg/m³	A	—	—
	Rolling 3-month Average	—	—	0.15 µg/m³	U
Hydrogen Sulfide	1 hour	0.03 ppm (42 µg/m³)	A	—	—
Vinyl Chloride (chloroethene)	24 hour	0.010 ppm (26 µg/m³)		—	—
Visibility Reducing Particles	8 hour (1000 to 1800 PST)		A	—	—

A = Attainment; N = Nonattainment; U = Unclassified; U/A = Unclassifiable/Attainment; — = No Standard;
mg/m³ = milligrams per cubic meter; µg/m³ = micrograms per cubic meter; ppm = parts per million;
ppb = parts per billion; * = EPA has not yet made final designations on attainment status
Source: SBCAPCD 2023

In-Use Off-Road Diesel Vehicle Regulation

On July 26, 2007, the ARB adopted a regulation to reduce DPM and oxides of nitrogen (NO_x) emissions from in-use (existing) off-road heavy-duty diesel vehicles in California. The regulation applies to self-propelled diesel-fueled vehicles that cannot be registered and licensed to drive on-road, as well as two-engine vehicles that drive on road, with the limited exception of two-engine sweepers. Examples include loaders, crawler tractors, skid steers, backhoes, forklifts, airport ground support equipment, water well drilling rigs, and two-engine cranes. Such vehicles are used in construction, mining, and industrial operations. The regulation does not apply to stationary equipment or portable equipment such as generators. The off-road vehicle regulation establishes emissions performance requirements, reporting, disclosure, and labeling requirements for off-road vehicles, and limits unnecessary idling.

California Building Code

The California Building Code (CBC) contains standards that regulate the method of use, properties, performance, or types of materials used in the construction, alteration, improvement, repair, or rehabilitation

of a building or other improvement to real property. The CBC is adopted every three years by the Building Standards Commission (BSC). In the interim, the BSC also adopts annual updates to make necessary mid-term corrections. The CBC standards apply statewide; however, a local jurisdiction may amend a CBC standard if it makes a finding that the amendment is reasonably necessary due to local climatic, geological, or topographical conditions.

Green Building Standards

In essence, green buildings standards are indistinguishable from any other building standards. Both standards are contained in the CBC and regulate the construction of new buildings and improvements. The only practical distinction between the two is that whereas the focus of traditional building standards has been protecting public health and safety, the focus of green building standards is to improve environmental performance.

Local

Santa Barbara County Air Pollution Control District

The SBCAPCD is the agency primarily responsible for ensuring that NAAQS and CAAQS are not exceeded and that air quality conditions within the region are maintained. Responsibilities of the SBCAPCD include, but are not limited to, preparing plans for the attainment of ambient air quality standards, adopting and enforcing rules and regulations concerning sources of air pollution, issuing permits for stationary sources of air pollution, inspecting stationary sources of air pollution and responding to citizen complaints, monitoring ambient air quality and meteorological conditions, and implementing programs and regulations required by the FCAA and the CCAA.

Impact Analysis

Thresholds of Significance

In accordance with Appendix G of the CEQA Guidelines, air quality impacts associated with the proposed project would be considered significant if it would:

a) Conflict with or obstruct implementation of the applicable air quality plan.

b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.

c) Expose sensitive receptors to substantial pollutant concentrations.

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

To assist in the evaluation of air quality impacts, the SBCAPCD has developed recommended significance thresholds, which are contained in the SBCAPCD Scope and Content of Air Quality Sections in Environmental Documents (SBCAPCD 2017). For the purposes of this analysis, project emissions are considered potentially significant impacts if any of the following SBCAPCD recommended thresholds are exceeded:

Construction Impacts

The SBCAPCD recommends 25 tons per year for reactive organic compounds (ROC) or NO_X as a guideline for determining the significance of construction impacts. In addition, the SBCAPCD recommends incorporation of standard mitigation measures to minimize localized air quality impacts commonly associated with construction activities and to ensure consistency with air quality attainment and maintenance efforts.

Operational Impacts

A proposed project will have a significant impact on air quality, either individually or cumulatively, if operational emissions would:

- exceed the daily trigger for offsets or Air Quality Impact Analysis set in the SBCAPCD New Source Review Rule, for any pollutant (i.e., 240 pounds/day for ROC or NO_x; and 80 lbs/day for PM_{10}). There is no daily operational threshold for CO (it is an attainment pollutant)
- exceed 25 pounds/day of NO_x or ROC from motor vehicle trips only
- would cause or contribute to a violation of any CAAQS or NAAQS (except O_3)
- would exceed the SBCAPCD health risk public notification thresholds adopted by the SBCAPCD Board (10 excess cancer cases in a million for cancer risk and a Hazard Index of more than one (1.0) for non-cancer risk)
- would be inconsistent with the latest adopted federal and state air quality plans for Santa Barbara County.

Methodology

Short-term emissions associated with the construction of the proposed project were calculated using the California Emissions Estimator Model (CalEEMod), version 2020.4.0, computer program. Construction emissions were calculated assuming an estimated overall construction period of nine months, based on construction information provided. Project-specific construction information, such as activity schedules, equipment use, worker vehicle trips, and equipment load factors were not available and, therefore, were based on model defaults for Santa Barbara County. Demolition of existing structures is not anticipated to be required, however, some minor demolition may be required during renovation of the existing structures. Modeling assumptions and output files are included in Appendix A of this report.

Long-term operational increases in emissions of criteria air pollutants were calculated using the CalEEMod, version 2020.4.0. Emissions modeling included quantification of emissions associated with area sources, energy use, and mobile sources. Area sources included the use of architectural coatings and landscape maintenance activities. Energy use included emissions associated with natural gas and electricity use. Trip-generation rates were obtained from the traffic analysis prepared for the proposed project (ATE 2023). Specific fleet-mix data for the project was not available and, therefore, were based on the default fleet mix identified in CalEEMod for Santa Barbara County.

Project Impacts and Mitigation Measures

Impact AQ-A. Conflict with or obstruct implementation of the applicable air quality plan.

SBCAPCD 2019 Ozone Plan

As part of the CCAA, the SBCAPCD is required to develop a plan to achieve and maintain the state ozone standard by the earliest practicable date. The SBCAPCD 2019 Ozone Plan (Plan) addresses the attainment and maintenance of state and federal ambient air quality standards. The Plan was adopted by SBCAPCD on December 19, 2019 (SBCAPCD 2019).

The Plan outlines the SBCAPCD strategies to reduce ozone-precursor pollutants (i.e., ROC and NO_X) from a wide variety of sources. The Plan includes a stationary-source control program, which includes control measures for permitted stationary sources; as well as, transportation and land use management strategies to reduce motor vehicle emissions. The stationary-source control program is administered by SBCAPCD. Transportation and land use control measures are implemented at the local or regional level, by promoting and facilitating the use of alternative transportation options, increased pedestrian access and accessibility to community services and local destinations, reductions in vehicle miles traveled, and promotion of congestion management efforts. In addition, local jurisdictions also prepare population forecasts, which are used by SBCAPCD to forecast population-related emissions and air quality attainment, including those contained in the Plan.

Consistency with land use and population forecasts in local and regional plans, including the Plan, is required for projects subject to CEQA. Proposed projects subject to the most recent Plan consistency determinations include but are not limited to commercial, industrial, residential, and transportation projects. The Plan relies primarily on the land use and population projections provided by the Santa Barbara County Association of Governments (SBCAG) and ARB on-road emissions forecast as a basis for vehicle emission forecasting. The

Plan uses SBCAG's countywide regional transportation demand model for on-road mobile source emissions estimates and SBCAG's socio-economic projections to form the basis for some stationary and area source growth forecasts.

To be consistent with the standard dust mitigation measures in Section 6.1 of the SBCAPCD Scope and Content of Air Quality Sections in Environmental Documents (based on policies adopted in the 1979 Air Quality Attainment Plan [AQAP]), all projects involving earthmoving activities must implement the standard dust control measures. implementation of standard dust control measures would be required as stated in Impact AQ-B and detailed in Mitigation Measure AQ-1.

The proposed project would not result in an increase in population or employment that would affect regional emissions analyses. In addition, based on the traffic analysis prepared for this project, the project would have a less than significant impact on vehicle miles traveled. As a result, the proposed project would not be anticipated to adversely impact regional emissions forecasts nor interfere with regional air quality attainment and maintenance efforts. This impact is considered **less than significant.**

Impact AQ-B. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.

Short-term Construction Emissions

Construction-generated emissions are of temporary duration, lasting only as long as construction activities occur, but have the potential to represent a significant air quality impact. Construction of the proposed project would result in the temporary generation of emissions associated with paving, architectural coating application, motor vehicle exhaust associated with construction equipment and worker trips, as well as the movement of construction equipment on unpaved surfaces. Short-term construction emissions would result in increased emissions of ozone-precursor pollutants (i.e., reactive organic gases (ROG) and NO_X) and emissions of PM.

Estimated maximum annual emissions associated with construction of the proposed project are presented in Table AQ-3. As depicted in Table AQ-3, the maximum annual construction-generated emissions would total approximately 0.02 tons/year of ROG and 1.5 tons/year of NO_x. Maximum annual construction emissions would not exceed the threshold of 25 tons/year. However, since Santa Barbara County violates the state standard for PM_{10}, dust control measures are required for all projects involved in earthmoving activities regardless of the significance of the fugitive dust impacts. In addition, as discussed in Impact AQ-C, emissions of PM_{10} can result in nuisance impacts, including irritation of eyes and respiratory tract (refer to Table AQ-1). For these reasons, construction-generated emissions would be considered to have a **potentially significant impact**.

Table AQ-3. Annual Construction Emissions without Mitigation

	Emissions (tons per year)					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Construction-Generated Emissions	0.2	1.5	1.4	<0.1	0.1	0.1
SBCAPCD Significance Thresholds	25	25	-	-	-	-
Exceeds Significance Thresholds?	No	No	-	-	-	-

FUG = Fugitive; EXH = Exhaust; TOT = Total
Refer to Appendix A for modeling assumptions and results.

Mitigation Measures

AQ-1: If a grading permit is issued for the project, the following construction mitigation measures shall be implemented to minimize short-term construction emissions. These measures shall be identified on grading site plans.

Dust Control Measures

a. During construction, use water trucks or sprinkler systems to keep all areas of vehicle movement damp enough to prevent dust from leaving the site. At a minimum, this should include wetting down such areas in the late morning and after work is completed for the day. Increased watering frequency should be required whenever the wind speed exceeds 15 miles per hour. Reclaimed water should be used whenever feasible. However, reclaimed water should not be used in or around crops for human consumption.
b. Minimize amount of disturbed area and reduce on site vehicle speeds to 15 miles per hour or less.
c. If importation, exportation and stockpiling of fill material is involved, soil stockpiled for more than two days shall be covered, kept moist, or treated with soil binders to prevent dust generation. Trucks transporting fill material to and from the site shall be tarped from the point of origin.
d. Gravel pads shall be installed at all access points to prevent tracking of mud onto public roads.
e. After clearing, grading, earth moving or excavation is completed, treat the disturbed area by watering, or revegetating, or by spreading soil binders until the area is paved or otherwise developed so that dust generation will not occur.
f. The contractor or builder shall designate a person or persons to monitor the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite. Their duties shall include holiday and weekend periods when work may not be in progress. The name and telephone number of such persons shall be provided to the SBCAPCD prior to grading/building permit issuance and/or map clearance.

Equipment Emissions Control Measures

g. All portable diesel-powered construction equipment shall be registered with the state's portable equipment registration program or shall obtain an SBCAPCD permit.
h. Fleet owners of mobile construction equipment are subject to the ARB Regulation for In-Use Off-Road Diesel Vehicles (Title 13, California Code of Regulations (CCR), §2449), the purpose of which is to reduce NO_x, DPM, and other criteria pollutant emissions from in-use off-road diesel-fueled vehicles. Off-road heavy-duty trucks shall comply with the State Off-Road Regulation.
i. Fleet owners of mobile construction equipment are subject to the ARB Regulation for In-Use (On-Road) Heavy-Duty Diesel-Fueled Vehicles (Title 13, CCR, §2025), the purpose of which is to reduce DPM, NO_x and other criteria pollutants from in-use (on-road) diesel-fueled vehicles. On-road heavy-duty trucks shall comply with the State On-Road Regulation.
j. All commercial off-road and on-road diesel vehicles are subject, respectively, to Title 13, CCR, §2449(d)(3) and §2485, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes when not in use; electric auxiliary power units should be used whenever feasible.
k. Diesel equipment meeting the ARB Tier 3, or higher, emission standards for off-road heavy-duty diesel engines shall be used to the extent locally available.
l. On-road heavy-duty equipment with model year 2010 engines or newer shall be used to the extent locally available.
m. Diesel powered equipment shall be replaced by electric equipment whenever feasible.
n. Equipment/vehicles using alternative fuels, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane or biodiesel, shall be used on-site to the extent locally available.
o. All construction equipment shall be maintained in tune per the manufacturer's specifications.
p. The engine size of construction equipment shall be the minimum practical size.
q. The number of construction equipment operating simultaneously shall be minimized through efficient management practices to ensure that the smallest practical number is operating at any one time.
r. Construction worker trips should be minimized by requiring carpooling and by providing for lunch onsite.

Significance After Mitigation

Mitigation Measure AQ-1 would require implementation of dust-control measures for ground-disturbing activities, as well as, measures for the control of construction equipment emissions, including emissions of diesel particulate matter. Implementation of PM emission measures would reduce emissions of fugitive dust by approximately 50 percent, or more. In addition, the project would be required to comply with SBCAPCD's

Rule 345 for the control of fugitive dust associated with construction and demolition activities. Asphalt paving activities would also be required to comply with SBCAPCD's Rule 329 for the use of cutback and emulsified asphalt paving materials, which would help to further reduce emissions of ROG. With mitigation and compliance with applicable regulatory requirements, this impact would be considered **less than significant**.

Long-term Operational Emissions

Long-term operational emissions associated with the proposed project would be predominantly associated with mobile sources. To a lesser extent, emissions associated with area sources, such as landscape maintenance activities, as well as, use of electricity and natural gas would also contribute to increased operational emissions.

Operational emissions are depicted in Table AQ-4. As depicted in Table AQ-4, daily operational emissions would total approximately 1.1 pounds/day of ROG, 0.8 pounds/day of NO_x, and 0.3 pounds/day of PM_{10}. Estimated daily operational emissions from all sources of ROG, NO_X, and PM_{10} would not exceed the SBCAPCD operational thresholds of 240 pounds/day for ROC or NO_x; and 80 pounds/day for PM_{10}. As a result, this impact would be considered **less than significant**.

Table AQ-4. Daily Operational Emissions Without Mitigation

Source	Emissions (pounds per day)					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Area	0.3	<0.1	0.3	<0.1	<0.1	<0.1
Energy	<0.1	<0.1	0.3	<0.1	<0.1	<0.1
Mobile	0.8	0.6	4.5	<0.1	0.3	0.1
Total	1.1	0.8	5.0	<0.1	0.3	0.1
SBCAPCD Significance Thresholds (All Sources)	240	240	-	-	80	-
Exceeds Significance Thresholds?	No	No	-	-	No	-
SBCAPCD Significance Thresholds (Mobile Sources)	25	25	-	-	-	-
Exceeds Significance Thresholds?	No	No	-	-	-	-

FUG = Fugitive; EXH = Exhaust; TOT = Total; N/A = Not applicable

Emissions were quantified using the CalEEMod program based on data derived from the traffic analysis prepared for this project. Refer to Appendix A for emissions modeling assumptions and results.

Impact AQ-C. Expose sensitive receptors to substantial pollutant concentrations.

As previously noted in Impact AQ-B, the proposed project is not anticipated to result in substantial ground disturbance, such as grading or site preparation activities. However, in the event that ground-disturbance were to occur, SBCAPCD-recommended mitigation measures would be required for the control of fugitive dust. In addition, the project would be required to comply with SBCAPCD's Rule 345 for the control of fugitive dust associated with construction and demolition activities. Other potential sources of localized pollutants are discussed in greater detail, as follows:

Naturally-Occurring Asbestos

The ARB identifies naturally-occurring asbestos (NOA) as a toxic air contaminant (TAC). In accordance with ARB Air Toxics Control Measure, prior to any grading activities, a geologic evaluation should be conducted to determine if NOA is present within the area that will be disturbed. If NOA is not present, an exemption request form, along with a copy of the geologic report, must be filed with the local air district. If NOA is found at the site, the applicant must comply with all requirements outlined in the Asbestos Air Toxics Control Measure. The project site is not located within an area identified as having a potential for naturally-occurring ultramafic rock and serpentine soils. As a result, this impact would be considered **less than significant**.

Asbestos-Containing Materials

Demolition activities can have potential negative air quality impacts, including issues surrounding the proper handling, demolition, and disposal of asbestos-containing materials (ACM). ACM could be encountered during the renovation of existing buildings, particularly older structures constructed prior to 1970. Asbestos can also be found in various building products, including (but not limited to) utility pipes/pipelines (transit pipes or insulation on pipes). The proposed project would require the renovation of existing structures, which could result in the disturbance of ACM. As a result, this impact would be considered **potentially significant**.

Lead-Coated Materials

The renovation/demolition of structures with materials coated with lead-based paint can have potential negative air quality impacts and may adversely affect the health of nearby individuals. Improper handling of lead-containing materials can result in the release of lead-containing particles from the site. The proposed project would require the renovation of existing structures, which could result in the disturbance of lead-containing materials. As a result, this impact would be considered **potentially significant**.

Localized PM Concentrations

Fugitive dust emissions would be primarily associated with building demolition, site preparation, grading, and vehicle travel on unpaved and paved surfaces. On-site off-road equipment and trucks would also result in short-term emissions of diesel-exhaust PM, which could contribute to elevated localized concentration at nearby receptors. Uncontrolled emissions of fugitive dust may also contribute to potential increases in nuisance impacts to nearby receptors. For these reasons, localized uncontrolled concentrations of construction-generated PM would be considered to have a **potentially significant** impact.

Localized Carbon Monoxide Concentrations

Localized concentrations of CO are of primary concern in areas located near congested roadway intersections. Of particular concern are signalized intersections that are projected to operate at unacceptable levels of service (LOS) (LOS E or LOS F). The proposed project is considered a "small project" and would not have an adverse local or regional traffic impact (ATE 2023). For this reason and given the low ambient concentrations in the project area and that the area is current designated attainment for CO, implementation of the proposed project is not anticipated to contribute to localized mobile-source CO concentrations that would exceed applicable ambient air quality standards. This impact is considered **less than significant**.

Toxic Air Contaminants

If a project has the potential to emit toxic air contaminants (TACs) or is located in close proximity to sensitive receptors, long-term impacts may be considered significant due to increased cancer risk for the affected population. The proposed project is not expected to include the installation of stationary sources of TACs. As a result, this impact would be considered **less than significant**.

Mitigation Measures

AQ-2: To reduce potential exposure to localized pollutant concentrations associated with construction activities, Mitigation Measure AQ-1 and the following additional measure shall be implemented:

- Demolition of on-site structures shall comply with the National Emission Standards for Hazardous Air Emissions requirements (NESHAP, 40 CFR, Part 61, Subpart M) for the demolition of existing structures. The SBCAPCD is delegated authority by the Environmental Protection Agency (EPA) to implement the Federal NESHAP requirements, including requirements pertaining to the handling of asbestos-containing material and lead-based paint. Prior to demolition of on-site structures, the SBCAPCD shall be notified, per NESHAP requirements. Additional information may be obtained at SBCAPCD's website, URL: https://www.ourair.org/asbestos/.

Significance After Mitigation

Mitigation Measure AQ-1 would require implementation of dust-control measures for ground-disturbing activities, as well as, measures for the control of construction equipment emissions, including emissions of diesel particulate matter. Implementation of PM emission measures would reduce emissions of fugitive dust by approximately 50 percent, or more. In addition, demolition activities would be required to comply with applicable regulatory requirements for the handling of hazardous materials, including federal NESHAP requirements. With mitigation and compliance with applicable regulatory requirements, this impact would be considered **less than significant**.

Impact AQ-D. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

The occurrence and severity of odor impacts depend on numerous factors, including the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of the receptors. While offensive odors rarely cause any physical harm, they still can be very unpleasant, leading to considerable distress among the public and often generating citizen complaints to local governments and regulatory agencies. Projects with the potential to frequently expose members of the public to objectionable odors would be deemed to have a significant impact.

The proposed project would not result in the installation of any equipment or processes that would be considered major odor-emission sources. However, construction of the proposed project would involve the use of a variety of gasoline or diesel-powered equipment that would emit exhaust fumes. Exhaust fumes, particularly diesel-exhaust, may be considered objectionable by some people. In addition, pavement coatings and architectural coatings used during project construction would also emit temporary odors. However, construction-generated emissions would occur intermittently throughout the workday and would dissipate rapidly with increasing distance from the source. In addition, the project would be required to comply with SBCAPCD Rule 303 that prohibits the discharge of air contaminants or other material that would cause injury, detriment, nuisance, or annoyance to any considerable number of persons. As a result, short-term construction activities would not expose a substantial number of people to frequent odorous emissions. For these reasons, potential exposure of sensitive receptors to odorous emissions would be considered **less than significant**.

GREENHOUSE GASES AND CLIMATE CHANGE

Existing Setting

To fully understand global climate change, it is important to recognize the naturally occurring "greenhouse effect" and to define the greenhouse gases (GHGs) that contribute to this phenomenon. Various gases in the earth's atmosphere, classified as atmospheric GHGs, play a critical role in determining the earth's surface temperature. Solar radiation enters the earth's atmosphere from space and a portion of the radiation is absorbed by the earth's surface. The earth emits this radiation back toward space, but the properties of the radiation change from high-frequency solar radiation to lower-frequency infrared radiation. Greenhouse gases, which are transparent to solar radiation, are effective in absorbing infrared radiation. As a result, this radiation that otherwise would have escaped back into space is now retained, resulting in a warming of the atmosphere. This phenomenon is known as the greenhouse effect. Among the prominent GHGs contributing to the greenhouse effect are carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. Primary GHGs attributed to global climate change, are discussed, as follows:

- **Carbon Dioxide**. Carbon dioxide (CO_2) is a colorless, odorless gas. CO_2 is emitted in a number of ways, both naturally and through human activities. The largest source of CO_2 emissions globally is the combustion of fossil fuels such as coal, oil, and gas in power plants, automobiles, industrial facilities, and other sources. A number of specialized industrial production processes and product uses such as mineral production, metal production, and the use of petroleum-based products can also lead to CO_2 emissions. The atmospheric lifetime of CO_2 is variable because it is so readily exchanged in the atmosphere (U.S. EPA 2018).

- **Methane**. Methane (CH_4) is a colorless, odorless gas that is not flammable under most circumstances. CH_4 is the major component of natural gas, about 87 percent by volume. It is also formed and released to the atmosphere by biological processes occurring in anaerobic environments. Methane is emitted from a variety of both human-related and natural sources. Human-related sources include fossil fuel production, animal husbandry (enteric fermentation in livestock and manure management), rice cultivation, biomass burning, and waste management. These activities release significant quantities of methane to the atmosphere. Natural sources of methane include wetlands, gas hydrates, permafrost, termites, oceans, freshwater bodies, non-wetland soils, and other sources such as wildfires. Methane's atmospheric lifetime is about 12 years (U.S. EPA 2018).

- **Nitrous Oxide**. Nitrous oxide (N_2O) is a clear, colorless gas with a slightly sweet odor. N_2O is produced by both natural and human-related sources. Primary human-related sources of N_2O are agricultural soil management, animal manure management, sewage treatment, mobile and stationary combustion of fossil fuels, acid production, and nitric acid production. N_2O is also produced naturally from a wide variety of biological sources in soil and water, particularly microbial action in wet tropical forests. The atmospheric lifetime of N_2O is approximately 114 years (U.S. EPA 2018).

- **Hydrofluorocarbons.** Hydrofluorocarbons (HFCs) are man-made chemicals, many of which have been developed as alternatives to ozone-depleting substances for industrial, commercial, and consumer products. The only significant emissions of HFCs before 1990 were of the chemical HFC-23, which is generated as a byproduct of the production of HCFC-22 (or Freon 22, used in air conditioning applications). The atmospheric lifetime for HFCs varies from just over a year for HFC-152a to 270 years for HFC-23. Most of the commercially used HFCs have atmospheric lifetimes of less than 15 years (e.g., HFC-134a, which is used in automobile air conditioning and refrigeration, has an atmospheric life of 14 years) (U.S. EPA 2018).

- **Perfluorocarbons.** Perfluorocarbons (PFCs) are colorless, highly dense, chemically inert, and non-toxic. There are seven PFC gases: perfluoromethane (CF_4), perfluoroethane (C_2F_6), perfluoropropane (C_3F_8), perfluorobutane (C_4F_{10}), perfluorocyclobutane (C_4F_8), perfluoropentane (C_5F_{12}), and perfluorohexane (C_6F_{14}). Natural geological emissions have been responsible for the PFCs that have accumulated in the atmosphere in the past; however, the largest current source is aluminum production, which releases CF_4 and C_2F_6 as byproducts. The estimated atmospheric lifetimes for PFCs ranges from 2,600 to 50,000 years (U.S. EPA 2018).

- **Nitrogen Trifluoride**. Nitrogen trifluoride (NF_3) is an inorganic, colorless, odorless, toxic, nonflammable gas used as an etchant in microelectronics. NF_3 is predominantly employed in the cleaning of the plasma-enhanced chemical vapor deposition chambers in the production of liquid crystal displays and silicon-based thin-film solar cells. It has a global warming potential of 16,100 carbon dioxide equivalents (CO_2e). While NF_3 may have a lower global warming potential than other chemical etchants, it is still a potent GHG. In 2009, NF_3 was listed by California as a high global warming potential GHG to be listed and regulated under AB 32 (Section 38505 Health and Safety Code).

- **Sulfur Hexafluoride**. Sulfur hexafluoride (SF_6) is an inorganic compound that is colorless, odorless, non-toxic, and generally non-flammable. SF_6 is primarily used as an electrical insulator in high voltage equipment. The electric power industry uses roughly 80 percent of all SF_6 produced worldwide. Leaks of SF_6 occur from aging equipment and during equipment maintenance and servicing. SF_6 has an atmospheric life of 3,200 years (U.S. EPA 2018).

- **Black Carbon**. Black carbon is the strongest light-absorbing component of PM emitted from burning fuels such as coal, diesel, and biomass. Black carbon contributes to climate change both directly by absorbing sunlight and indirectly by depositing on snow and by interacting with clouds and affecting cloud formation. Black carbon is considered a short-lived species, which can vary spatially and, consequently, it is very difficult to quantify associated global-warming potentials. The main sources of black carbon in California are wildfires, off-road vehicles (locomotives, marine vessels, tractors, excavators, dozers, etc.), on-road vehicles (cars, trucks, and buses), fireplaces, agricultural waste burning, and prescribed burning (planned burns of forest or wildlands) (CCAC 2018, U.S. EPA 2018).

Each GHG differs in its ability to absorb heat in the atmosphere based on the lifetime, or persistence, of the gas molecule in the atmosphere. Often, estimates of GHG emissions are presented in CO_2e, which weight each gas by its global warming potential (GWP). Expressing GHG emissions in CO_2e takes the contribution of all GHG emissions to the greenhouse effect and converts them to a single unit equivalent to the effect that would occur if only CO_2 were being emitted. Table GHG-1 provides a summary of the GWP for GHG emissions of typical concern with regard to community development projects, based on a 100-year time horizon. As indicated, CH_4 traps over 25 times more heat per molecule than CO_2, and N_2O absorbs roughly 298 times more heat per molecule than CO_2. Additional GHG with high GWP includes NF_3, SF_6, PFCs, and black carbon.

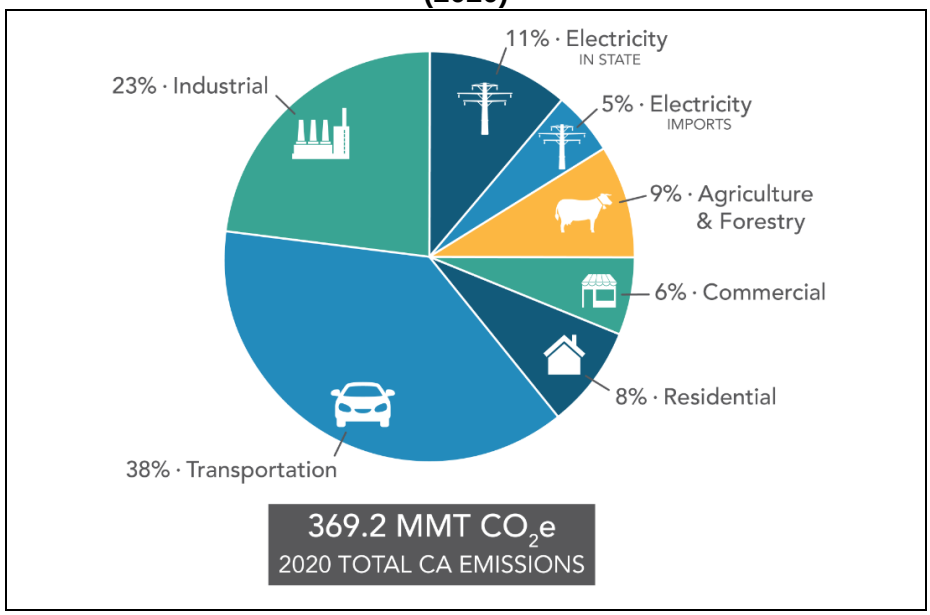
Table GHG-1. Global Warming Potential for Greenhouse Gases

Greenhouse Gas	Global Warming Potential (100-year)
Carbon Dioxide (CO_2)	1
Methane (CH_4)	25
Nitrous Dioxide (N_2O)	298
Based on IPCC GWP values for 100-year time horizon. Source: IPCC 2007	

Statewide GHG Emissions

In 2020, GHG emissions within California totaled 369.2 million metric tons (MMT) of CO_2e. GHG emissions, by sector, are summarized in Figure GHG-1. Within California, the transportation sector is the largest contributor, accounting for approximately 38 percent of the total state-wide GHG emissions. Emissions associated with industrial uses are the second-largest contributor, totaling roughly 23 percent. Electricity generation totaled roughly 16 percent. Other major emission sources included commercial uses, residential uses, agriculture, recycling, and waste (ARB 2023).

Figure GHG-1. California GHG Emissions Inventory by Sector (2020)



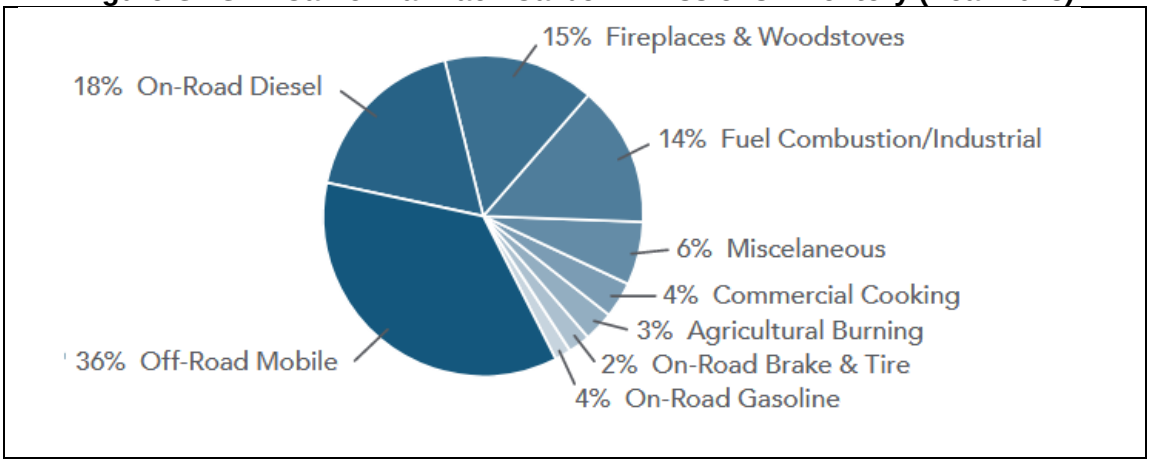
Source: ARB 2023

Short-Lived Climate Pollutants

Short-lived climate pollutants (SLCPs), such as black carbon, fluorinated gases, and CH_4 also have a dramatic effect on climate change. Though short-lived, these pollutants create a warming influence on the climate that is many times more potent than that of carbon dioxide.

As part of the ARB's efforts to address SLCPs, the ARB has developed a statewide emission inventory for black carbon. The black carbon inventory will help support the implementation of the SLCP Strategy, but it is not part of the State's GHG Inventory that tracks progress towards the State's climate targets. The most recent inventory for year 2013 conditions is depicted in Figure GHG-2. As depicted, off-road mobile sources account for a majority of black carbon emissions totaling roughly 36 percent of the inventory. Other major anthropogenic sources of black carbon include on-road transportation, residential wood burning, fuel combustion, and industrial processes (ARB 2022).

Figure GHG-2. California Black Carbon Emissions Inventory (Year 2013)



Source: ARB 2022

Effects of Global Climate Change

There are uncertainties as to exactly what the climate changes will be in various local areas of the earth. There are also uncertainties associated with the magnitude and timing of other consequences of a warmer planet: sea-level rise, spread of certain diseases out of their usual geographic range, the effect on agricultural production, water supply, sustainability of ecosystems, increased strength and frequency of storms, extreme heat events, increased air pollution episodes, and the consequence of these effects on the economy.

Within California, climate changes would likely alter the ecological characteristics of many ecosystems throughout the state. Such alterations would likely include increases in surface temperatures and changes in the form, timing, and intensity of the precipitation. For instance, historical records are depicting an increasing trend toward earlier snowmelt in the Sierra Nevada. This snowpack is a principal supply of water for the state, providing roughly 50 percent of the state's annual runoff. If this trend continues, some areas of the state may experience an increased danger of floods during the winter months and possible exhaustion of the snowpack during spring and summer months. Earlier snowmelt would also impact the State's energy resources. Currently, approximately 20 percent of California's electricity comes from hydropower. Early exhaustion of the Sierra snowpack may force electricity producers to switch to more costly or non-renewable forms of electricity generation during the spring and summer months. A changing climate may also impact agricultural crop yields, coastal structures, and biodiversity. As a result, resultant changes in climate will likely have detrimental effects on some of California's largest industries, including agriculture, wine, tourism, skiing, recreational and commercial fishing, and forestry.

Regulatory Framework

Federal

Executive Order 13514

Executive Order 13514 is focused on reducing GHGs internally in federal agency missions, programs, and operations. In addition, the executive order directs federal agencies to participate in the Interagency Climate Change Adaptation Task Force, which is engaged in developing a national strategy for adaptation to climate change.

On April 2, 2007, in Massachusetts v. U.S. EPA, 549 U.S. 497, the Supreme Court found that GHGs are air pollutants covered by the FCAA and that the U.S. EPA has the authority to regulate GHG. The Court held that the U.S. EPA Administrator must determine whether or not emissions of GHGs from new motor vehicles cause or contribute to air pollution which may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision.

On December 7, 2009, the U.S. EPA Administrator signed two distinct findings regarding GHGs under section 202(a) of the Clean Air Act:

- Endangerment Finding: The Administrator found that the current and projected concentrations of the six key well-mixed GHGs (CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6) in the atmosphere threaten public health and welfare of current and future generations.
- Cause or Contribute Finding: The Administrator found that the combined emissions of these well-mixed GHGs from new motor vehicles and new motor vehicle engines contribute to the GHG pollution which threatens public health and welfare.

Although these findings did not themselves impose any requirements on industry or other entities, this action was a prerequisite to finalizing the U.S. EPA's Proposed Greenhouse Gas Emission Standards for Light-Duty Vehicles, which was published on September 15, 2009. On May 7, 2010, the final Light-Duty Vehicle Greenhouse Gas Emissions Standards and Corporate Average Fuel Economy Standards were published in the Federal Register.

The U.S. EPA and the National Highway Traffic Safety Administration (NHTSA) are taking coordinated steps to enable the production of a new generation of clean vehicles with reduced GHG emissions and improved

fuel efficiency from on-road vehicles and engines. These next steps include developing the first-ever GHG regulations for heavy-duty engines and vehicles, as well as additional light-duty vehicle GHG regulations. These steps were outlined by President Obama in a Presidential Memorandum on May 21, 2010.

The final combined U.S. EPA and NHTSA standards that make up the first phase of this national program apply to passenger cars, light-duty trucks, and medium-duty passenger vehicles, covering model years 2012 through 2016. The standards require these vehicles to meet an estimated combined average emissions level of 250 grams of CO_2 per mile (the equivalent to 35.5 miles per gallon if the automobile industry were to meet this CO_2 level solely through fuel economy improvements). Together, these standards will cut GHG emissions by an estimated 960 MMT and 1.8 billion barrels of oil over the lifetime of the vehicles sold under the program (model years 2012-2016). On August 28, 2012, U.S. EPA and NHTSA issued their joint rule to extend this national program of coordinated GHG and fuel economy standards to model years 2017 through 2025 passenger vehicles.

State

Assembly Bill 1493

AB 1493 (Pavley) of 2002 (Health and Safety Code Sections 42823 and 43018.5) requires the ARB to develop and adopt the nation's first GHG emission standards for automobiles. These standards are also known as Pavley I. The California Legislature declared in AB 1493 that global warming is a matter of increasing concern for public health and the environment. It cites several risks that California faces from climate change, including a reduction in the state's water supply; an increase in air pollution caused by higher temperatures; harm to agriculture; an increase in wildfires; damage to the coastline; and economic losses caused by higher food, water, energy, and insurance prices. The bill also states that technological solutions to reduce GHG emissions would stimulate California's economy and provide jobs. In 2004, the State of California submitted a request for a waiver from federal clean air regulations, as the State is authorized to do under the FCAA, to allow the State to require reduced tailpipe emissions of CO_2. In late 2007, the U.S. EPA denied California's waiver request and declined to promulgate adequate federal regulations limiting GHG emissions. In early 2008, the State brought suit against the U.S. EPA related to this denial.

In January 2009, President Obama instructed the U.S. EPA to reconsider the Bush Administration's denial of California's and 13 other states' requests to implement global warming pollution standards for cars and trucks. In June 2009, the U.S. EPA granted California's waiver request, enabling the State to enforce its GHG emissions standards for new motor vehicles beginning with the current model year.

In 2009, President Obama announced a national policy aimed at both increasing fuel economy and reducing GHG pollution for all new cars and trucks sold in the US. The new standards would cover model years 2012 to 2016 and would raise passenger vehicle fuel economy to a fleet average of 35.5 miles per gallon by 2016. When the national program takes effect, California has committed to allowing automakers who show compliance with the national program to also be deemed in compliance with state requirements. California is committed to further strengthening these standards beginning in 2017 to obtain a 45 percent GHG reduction from the 2020 model year vehicles.

Executive Order S-3-05

Executive Order S-3-05 (State of California) proclaims that California is vulnerable to the impacts of climate change. It declares that increased temperatures could reduce the Sierra's snowpack, further exacerbate California's air quality problems, and potentially cause a rise in sea levels. To combat those concerns, the Executive Order established total GHG emission targets. Specifically, emissions are to be reduced to the 2000 level by 2010, to the 1990 level by 2020, and to 80 percent below the 1990 level by 2050.

The Executive Order directed the secretary of the California Environmental Protection Agency (CalEPA) to coordinate a multi-agency effort to reduce GHG emissions to the target levels. The secretary will also submit biannual reports to the governor and state legislature describing (1) progress made toward reaching the emission targets, (2) impacts of global warming on California's resources, and (3) mitigation and adaptation plans to combat these impacts. To comply with the Executive Order, the secretary of CalEPA created a Climate Action Team made up of members from various state agencies and commissions. The Climate Action Team released its first report in March 2006 and continues to release periodic reports on progress. The

report proposed to achieve the targets by building on voluntary actions of California businesses, local government, and community actions, as well as through state incentive and regulatory programs.

Executive Order B-30-15

In 2015, Governor Brown signed Executive Order B-30-15, which establishes a California GHG reduction target of 40 percent below 1990 levels by 2030.

Executive Order B-55-18

In 2018, Governor Brown signed Executive Order B-55-18, which set a target of statewide carbon neutrality by 2045.

Executive Order N-79-20

In 2020, Governor Newsom signed Executive Order N-79-20, which calls for elimination of new internal combustion passenger vehicles by 2035. It would end sales of internal combustion passenger vehicles by 2035. It is important to note that the Executive Order focuses on new vehicle sales for automakers, and therefore does not require Californians to give up the existing cars and trucks they already own.

Climate Change Scoping Plan

In October 2008, ARB published its Climate Change Proposed Scoping Plan, which is the State's plan to achieve GHG reductions in California required by AB 32. This initial Scoping Plan contained the main strategies to be implemented in order to achieve the target emission levels identified in AB 32. The Scoping Plan included ARB-recommended GHG reductions for each emissions sector of the state's GHG inventory. The largest proposed GHG reduction recommendations were associated with improving emissions standards for light-duty vehicles, implementing the Low Carbon Fuel Standard program, implementation of energy efficiency measures in buildings and appliances, and the widespread development of combined heat and power systems, and developing a renewable portfolio standard for electricity production.

The Scoping Plan states that land use planning and urban growth decisions will play important roles in the state's GHG reductions because local governments have primary authority to plan, zone, approve, and permit how land is developed to accommodate population growth and the changing needs of their jurisdictions. ARB further acknowledges that decisions on how land is used will have large impacts on the GHG emissions that will result from the transportation, housing, industry, forestry, water, agriculture, electricity, and natural gas emissions sectors. With regard to land use planning, the Scoping Plan expects approximately 5.0 MMT CO_2e will be achieved associated with the implementation of Senate Bill (SB) 375, which is discussed further below.

The initial Scoping Plan was first approved by ARB on December 11, 2008, and is updated every five years. The first update of the Scoping Plan was approved by the ARB on May 22, 2014, which looked past 2020 to set mid-term goals (2030-2035) on the road to reaching the 2050 goals., The most recent update released by ARB is the 2022 Climate Change Scoping Plan. The 2022 Climate Change Scoping Plan lays out a path to achieve targets for carbon neutrality and reduce anthropogenic GHG emissions by 85 percent below 1990 levels no later than 2045. The actions and outcomes in the plan will achieve significant reductions in fossil fuel combustion by deploying clean technologies and fuels, further reductions in short-lived climate pollutants, support for sustainable development, increased action on natural and working lands to reduce emissions and sequester carbon, and the capture and storage of carbon (ARB 2023).

Mandatory Reporting of GHG Emissions

The California Global Warming Solutions Act (AB 32, 2006) requires the reporting of GHGs by major sources to the ARB. Major sources required to report GHG emissions include industrial facilities, suppliers of transportation fuels, natural gas, natural gas liquids, liquefied petroleum gas, and carbon dioxide, operators of petroleum and natural gas systems, and electricity retail providers and marketers.

Cap-and-Trade Regulation

The cap-and-trade regulation is a key element in California's climate plan. It sets a statewide limit on sources responsible for 85 percent of California's GHG emissions and establishes a price signal needed to drive long-term investment in cleaner fuels and more efficient use of energy. The cap-and-trade rules came into effect on January 1, 2013, and apply to large electric power plants and large industrial plants. In 2015, fuel distributors, including distributors of heating and transportation fuels, also became subject to the cap-and-trade rules. At that stage, the program will encompass around 360 businesses throughout California and nearly 85 percent of the state's total GHG emissions.

Under the cap-and-trade regulation, companies must hold enough emission allowances to cover their emissions and are free to buy and sell allowances on the open market. California held its first auction of GHG allowances on November 14, 2012. California's GHG cap-and-trade system is projected to reduce GHG emissions to 1990 levels by the year 2020 and would achieve an approximate 80 percent reduction from 1990 levels by 2050.

Senate Bill 32

SB 32 was signed by Governor Brown on September 8, 2016. SB 32 effectively extends California's GHG emission-reduction goals from year 2020 to year 2030. This new emission-reduction target of 40 percent below 1990 levels by 2030 is intended to promote further GHG-reductions in support of the State's ultimate goal of reducing GHG emissions by 80 percent below 1990 levels by 2050. SB 32 also directs the ARB to update the Climate Change Scoping Plan to address this interim 2030 emission-reduction target.

Senate Bill 97

SB 97 was enacted in 2007. SB 97 required the Office of Planning and Research to develop, and the Natural Resources Agency to adopt, amendments to the CEQA Guidelines addressing the analysis and mitigation of GHG emissions. Those CEQA Guidelines amendments clarified several points, including the following:

- Lead agencies must analyze the GHG emissions of proposed projects and must reach a conclusion regarding the significance of those emissions.
- When a project's GHG emissions may be significant, lead agencies must consider a range of potential mitigation measures to reduce those emissions.
- Lead agencies must analyze potentially significant impacts associated with placing projects in hazardous locations, including locations potentially affected by climate change.
- Lead agencies may significantly streamline the analysis of GHGs on a project level by using a programmatic GHG emissions reduction plan meeting certain criteria.
- CEQA mandates analysis of a proposed project's potential energy use (including transportation-related energy), sources of energy supply and ways to reduce energy demand, including through the use of efficient transportation alternatives.

As part of the administrative rulemaking process, the California Natural Resources Agency developed a Final Statement of Reasons explaining the legal and factual bases, intent, and purpose of the CEQA Guidelines amendments. The amendments to the CEQA Guidelines implementing SB 97 became effective on March 18, 2010.

Senate Bill 100

SB 100 was signed by Governor Jerry Brown on September 10, 2018. SB 100 sets a goal of phasing out all fossil fuels from the state's electricity sector by 2045. SB 100 increases to 60 percent, from 50 percent, how much of California's electricity portfolio must come from renewables by 2030. It establishes a further goal to have an electric grid that is entirely powered by clean energy by 2045, which could include other carbon-free sources, like nuclear power, that are not renewable.

Senate Bill 375

SB 375 requires Metropolitan Planning Organizations (MPOs) to adopt a sustainable communities strategy (SCS) or alternative planning strategy (APS) that will address land-use allocation in that MPOs regional

transportation plan. ARB, in consultation with MPOs, establishes regional reduction targets for GHGs emitted by passenger cars and light trucks for the years 2020 and 2035. These reduction targets will be updated every eight years but can be updated every four years if advancements in emissions technologies affect the reduction strategies to achieve the targets. ARB is also charged with reviewing each MPO's SCS or APS for consistency with its assigned targets. If MPOs do not meet the GHG reduction targets, funding for transportation projects may be withheld. In 2018, ARB adopted updated SB 375 targets.

California Building Code

The CBC contains standards that regulate the method of use, properties, performance, or types of materials used in the construction, alteration, improvement, repair, or rehabilitation of a building or other improvement to real property. The CBC is adopted every three years by the BSC. In the interim, the BSC also adopts annual updates to make necessary mid-term corrections. The CBC standards apply statewide; however, a local jurisdiction may amend a CBC standard if it makes a finding that the amendment is reasonably necessary due to local climatic, geological, or topographical conditions.

Green Building Standards

In essence, green buildings standards are indistinguishable from any other building standards. Both standards are contained in the CBC and regulate the construction of new buildings and improvements. The only practical distinction between the two is that whereas the focus of traditional building standards has been protecting public health and safety, the focus of green building standards is to improve environmental performance.

Short-Lived Climate Pollutant Reduction Strategy

In March 2017, the ARB adopted the Short-Lived Climate Pollutant Reduction Strategy (SLCP Strategy) establishing a path to decrease GHG emissions and displace fossil-based natural gas use. Strategies include avoiding landfill methane emissions by reducing the disposal of organics through edible food recovery, composting, in-vessel digestion, and other processes; and recovering methane from wastewater treatment facilities, and manure methane at dairies, and using the methane as a renewable source of natural gas to fuel vehicles or generate electricity. The SLCP Strategy also identifies steps to reduce natural gas leaks from oil and gas wells, pipelines, valves, and pumps to improve safety, avoid energy losses, and reduce methane emissions associated with natural gas use. Lastly, the SLCP Strategy also identifies measures that can reduce HFC emissions at national and international levels, in addition to State-level action that includes an incentive program to encourage the use of low-GWP refrigerants, and limitations on the use of high-GWP refrigerants in new refrigeration and air-conditioning equipment (ARB 2022).

Local

Santa Barbara County Air Pollution Control District

The SBCAPCD is a local public agency with the primary mission of realizing and preserving clean air for all county residents and businesses. Responsibilities of the SBCAPCD include, but are not limited to, preparing plans for the attainment of ambient air quality standards, adopting and enforcing rules and regulations concerning sources of air pollution, issuing permits for stationary sources of air pollution, inspecting stationary sources of air pollution and responding to citizen complaints, monitoring ambient air quality and meteorological conditions, and implementing programs and regulations required by federal and state regulatory requirements.

City of Buellton

The City of Buellton has not adopted a qualified greenhouse gas reduction plan pursuant to CEQA Guidelines Section 15183.5(b)(1). Therefore, this analysis does not utilize the tiering and streamlining provisions of CEQA Guidelines Section 15183.5(b)(2) in evaluating the significance of the project's impacts related to GHG emissions.

Impact Analysis

In accordance with Appendix G of the State CEQA Guidelines, increased GHG emissions associated with the implementation of the project would be considered significant if may:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.

b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

Threshold of Significance

Neither the SBCAPCD nor the City of Buellton have adopted GHG thresholds of significance for development projects that are subject to CEQA. However, the County of Santa Barbara has recently developed an interim GHG emissions threshold of significance of 300 $MTCO_{2e}$ per year (Santa Barbara County 2020). Projects that exceed this screening threshold can also be evaluated based on an efficiency GHG emissions threshold based on the project's estimated service population, if applicable. The County's interim thresholds are based on SB 32 year 2030 GHG-reduction goals, which take into consideration the emission reduction strategies outlined in ARB's Scoping Plan. Projects that do not exceed the County's interim thresholds would be considered to have a less than significant increase in GHG emissions and would not be expected to interfere with GHG-reduction planning efforts (Santa Barbara County 2020). Given that development within both the County and the City would be subject to compliance with the State's building standards, land use development projects and associated GHG emissions occurring within the City would be similar to that which would occur within the County. For this reason and for purposes of this analysis, project generated emissions were evaluated solely in comparison to a significance threshold of 300 $MTCO_{2e}$ per year. Project-generated GHG emissions that would exceed 300 MTCO2e/year would be considered to have a potentially significant impact on the environment that could conflict with GHG-reduction planning efforts.

Methodology

Short-term Construction Impacts

Short-term emissions were quantified using the CalEEMod, version 2020.4.0, based on estimated acreages and building square footage for the proposed project. Other modeling assumptions, including construction equipment requirements, hours of use, worker, and vendor vehicle trips, trip distances, and fleet mix were based on model defaults for the County. Construction-generated GHG emissions were amortized over a 30-year period and included with estimated long-term operational GHG emissions for impact assessment purposes.

Long-term Operational Air Quality Impacts

Long-term operational GHG emissions were calculated using the CalEEMod, version 2020.4.0. Emissions modeling included quantification of emissions associated with area sources, energy use, and mobile sources. Trip-generation rates for the proposed land uses were derived from the traffic analysis prepared for this project (ATE 2023). Other modeling assumptions, such as vehicle fleet-mix, were not available and, therefore, were based on the default fleet mix identified in CalEEMod for Santa Barbara County. Annual emissions were adjusted based on a total of approximately 12 major events (e.g., weddings) per year (ATE 2023). Emission modeling files are provided in Appendix A.

Project Impacts and Mitigation Measures

Impact GHG-A. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; and,

Impact GHG-B. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

Estimated GHG emissions attributable to future development would be primarily associated with increases of CO_2 from mobile sources. To a lesser extent, other GHG pollutants, such as CH_4 and N_2O, would also be generated. Short-term and long-term GHG emissions associated with the development of the proposed project are discussed in greater detail, as follows:

Short-term Construction GHG Emissions

Estimated increases in GHG emissions associated with the construction of the proposed project are summarized in Table GHG-2. Based on the modeling conducted, construction-related GHG emissions would total approximately 222 $MTCO_2e$. Amortized GHG emissions, when averaged over the conservative assumption of 30-year life of the project, would total approximately 7.4 $MTCO_2e$/year. Actual emissions may vary, depending on the final construction schedules, equipment required, and activities conducted. Amortized construction-generated GHG emissions are included in the operational GHG emissions impact discussion provided below.

Table GHG-2. Construction-Generated GHG Emissions without Mitigation

Construction Year	GHG Emissions ($MTCO_2e$/Year)
2023-2024	222
Amortized Construction Emissions:	7.4

$MTCO_2e$ = Metric tons of carbon dioxide equivalent

Amortized emissions are quantified based on a 30-year project life.

Long-term Operational GHG Emissions

Estimated long-term increases in GHG emissions associated with the proposed project are summarized in Table GHG-3. As depicted, operational GHG emissions for the proposed project, with the inclusion of amortized construction GHGs, would total approximately 221.5 $MTCO_2e$/year. A majority of the operational GHG emissions would be associated with energy use and the operation of motor vehicles. To a lesser extent, GHG emissions would also be associated with solid waste generation and water use. Project-generated GHG emissions are projected to decrease in future years due largely to improvements in energy-efficiency and vehicle fleet emission rates. Project-generated operational emissions would not exceed the significance threshold of 300 $MTCO_2e$ per year. As a result, the proposed project would not result in increased GHG emissions that would have a significant impact on the environment or conflict with GHG-reduction planning efforts. This impact would be considered **less than significant**.

Table GHG-3. Operational GHG Emissions without Mitigation

Emission Source	Emissions ($MTCO_2e$/Year)
Mobile[1]	124.0
Area[2]	0.1
Energy[3]	65.8
Waste[4]	22.3
Water[5]	1.9
Total Operational Emissions:	214.1
Amortized Construction Emissions:	7.4
Total with Amortized Construction Emissions:	221.5
GHG Significance Threshold:	300
Exceeds Significance Threshold?	No

GHG = Greenhouse gas; SP = Service population; $MTCO_2e$ = Metric tons of carbon dioxide equivalent

1. Based on vehicle trip-generation rates derived from the traffic impact analysis prepared for this project. Mobile-source emissions for special events were adjusted assuming a total of 12 events annually, based on the conservative assumption that all vehicle trips would originate and end outside of the County. Actual mobile-source emissions, with inclusion of local trips, would be lower.
2. Area source emissions include landscape maintenance activities.
3. Energy use was conservatively calculated based on CalEEMod default energy intensity factors. Does not include adjustments for compliance with Renewable Portfolio Standards, which are anticipated to be lower.
4. Emissions associated with waste generation and water use were based on CalEEMod defaults. Assumes installation of low-flow water fixtures in compliance with current building standard requirements.

Totals may not sum due to rounding. Refer to report appendix for emissions modeling assumptions and results.

REFERENCES

Associated Transportation Engineers (ATE). 2023. Trip Generation for the Willemsen Addition to River View Park – City of Buellton.

California Air Pollution Control Officers Association (CAPCOA). 2021. Health Effects. Website URL: http://www.capcoa.org/health-effects.

California Air Resources Board (ARB). 2005. Air Quality and Land Use Handbook: A Community Health Perspective. Website URL: https://ww3.arb.ca.gov/ch/handbook.pdf.

California Air Resources Board (ARB). Accessed: 2023. California's 2022 Climate Change Scoping Plan. Website URL: https://ww2.arb.ca.gov/our-work/programs/ab-32-climate-change-scoping-plan/2022-scoping-plan-documents.

California Air Resources Board (ARB). 2021. Air Quality and Emissions. Website URL: https://www.arb.ca.gov/html/ds.htm.

California Air Resources Board (ARB). 2023. California Greenhouse Gas Emissions Inventory. Website URL: https://ww3.arb.ca.gov/ghg-inventory-data.htm.

California Air Resources Board (ARB). 2022. GHG Short-Lived Climate Pollutant Inventory. Website URL: https://ww2.arb.ca.gov/ghg-slcp-inventory.

California Department of Finance (DOF). 2020. Demographic Research Unit. Report P-1A: Total Population Projections, California, 2010-2060 (Baseline 2019 Population Projections; Vintage 2019 Release). Website URL: https://www.dof.ca.gov/forecasting/demographics/projections/.

California Energy Commission (CEC). 2018. 2019 Building Energy Efficiency Standards. Website URL: https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2019-building-energy-efficiency.

Climate & Clean Air Coalition (CCAC). 2018. Black Carbon. Website URL: https://www.ccacoalition.org/en/slcps/black-carbon.

Intergovernmental Panel on Climate Change (IPCC). 2007. Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Website URL: https://www.ipcc.ch/site/assets/uploads/2018/03/ar4_wg2_full_report.pdf.

Santa Barbara County. October 14, 2020. *Santa Barbara County Interim Greenhouse Gas Thresholds Justification*. Available at website url: https://content.civicplus.com/api/assets/28aee9da-38d9-4242-a7fc-d29738304d23#:~:text=The%20County%20does%20not%20currently,than%20industrial%20stationary%20source%20projects.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2001. 2001 Clean Air Plan. Website URL: https://www.ourair.org/download-2001-clean-air-plan/.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2017. Scope and Content of Air Quality Sections in Environmental Documents. Website URL: https://www.ourair.org/wp-content/uploads/ScopeContentJune2017-LimitedUpdate.pdf.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2019. 2019 Ozone Plan. Website URL: https://www.ourair.org/wp-content/uploads/2019-12-19-Final-Plan.pdf.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2021a. Meeting Air Quality Standards. Website URL: https://www.ourair.org/air-quality-standards/.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2021b. Asbestos. Website URL: https://www.ourair.org/asbestos/.

Santa Barbara County Air Pollution Control District (SBCAPCD). 2023. Attainment Status Website URL: https://www.ourair.org/air-quality-standards/.

Santa Barbara County Planning and Development. 2021. Environmental Thresholds and Guideline Manual. Website URL: http://www.sblafco.org/asset.c/1375.

United States Environmental Protection Agency (U.S. EPA). 2018. Overview of Greenhouse Gases. Website URL: https://www.epa.gov/ghgemissions/overview-greenhouse-gasesf.

Appendix A
Emissions Modeling

Buellton Willemsen Park Addition Summary Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Buellton Willemsen Park Addition
Construction Start Date	7/1/2023
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.10
Precipitation (days)	27.8
Location	34.61341240397998, -120.2054957275572
County	Santa Barbara
City	Buellton
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3334
EDFZ	6
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.11

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

City Park	22.5	Acre	22.5	0.00	22.0	22.0	—	—
Apartments Low Rise	1.00	Dwelling Unit	0.06	1,865	0.00	0.00	3.00	Within existing structure
Parking Lot	1.50	Acre	1.50	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	5.20	1000sqft	0.12	5,200	1.00	2.00	—	Within ex structure
Health Club	1.20	1000sqft	0.03	1,200	1.00	0.00	—	New Restrooms

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-13	Use Low-VOC Paints for Construction
Water	W-4	Require Low-Flow Water Fixtures
Refrigerants	R-5	Reduce Service Leak Emissions

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754

Mit.	4.03	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754
% Reduced	62%	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
Mit.	3.82	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
% Reduced	64%	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
Mit.	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
Mit.	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439
Mit.	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439

% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
Mit.	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
Mit.	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222
Mit.	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%

6. Climate Risk Detailed Report

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract

CalEnviroScreen 4.0 Score for Project Location (a)	28.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

Buellton Willemsen Park Addition Detailed Report

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3.2. Demolition (2023) - Mitigated

3.3. Site Preparation (2023) - Unmitigated

3.4. Site Preparation (2023) - Mitigated

3.5. Grading (2023) - Unmitigated

3.6. Grading (2023) - Mitigated

3.7. Building Construction (2023) - Unmitigated

3.8. Building Construction (2023) - Mitigated

3.9. Building Construction (2024) - Unmitigated

3.10. Building Construction (2024) - Mitigated

3.11. Paving (2024) - Unmitigated

3.12. Paving (2024) - Mitigated

3.13. Architectural Coating (2024) - Unmitigated

3.14. Architectural Coating (2024) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.2. Unmitigated

4.3.1. Mitigated

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

4.4.1. Mitigated

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

4.5.1. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

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7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Buellton Willemsen Park Addition
Construction Start Date	7/1/2023
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.10
Precipitation (days)	27.8
Location	34.61341240397998, -120.2054957275572
County	Santa Barbara
City	Buellton
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3334
EDFZ	6
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.11

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

City Park	22.5	Acre	22.5	0.00	22.0	22.0	—	—
Apartments Low Rise	1.00	Dwelling Unit	0.06	1,865	0.00	0.00	3.00	Within existing structure
Parking Lot	1.50	Acre	1.50	0.00	0.00	0.00	—	—
High Turnover (Sit Down Restaurant)	5.20	1000sqft	0.12	5,200	1.00	2.00	—	Within ex structure
Health Club	1.20	1000sqft	0.03	1,200	1.00	0.00	—	New Restrooms

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-10-C	Water Unpaved Construction Roads
Construction	C-11	Limit Vehicle Speeds on Unpaved Roads
Construction	C-13	Use Low-VOC Paints for Construction
Water	W-4	Require Low-Flow Water Fixtures
Refrigerants	R-5	Reduce Service Leak Emissions

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754

Mit.	4.03	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754
% Reduced	62%	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	10.6	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
Mit.	3.82	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
% Reduced	64%	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
Mit.	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
Mit.	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	4.03	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754
2024	10.6	0.91	1.17	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	138	0.01	< 0.005	0.02	138

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	3.82	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
2024	10.6	11.3	13.3	0.02	0.50	0.09	0.52	0.46	0.02	0.46	2,440	0.10	0.02	0.01	2,449
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
2024	0.73	1.28	1.58	< 0.005	0.06	0.01	0.07	0.05	< 0.005	0.06	267	0.01	< 0.005	0.02	269
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
2024	0.13	0.23	0.29	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	44.3	< 0.005	< 0.005	< 0.005	44.5

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	4.03	39.8	36.2	0.06	1.81	5.22	7.02	1.66	2.65	4.31	6,729	0.28	0.06	0.64	6,754
2024	3.39	0.91	1.17	< 0.005	0.03	< 0.005	0.04	0.03	< 0.005	0.03	138	0.01	< 0.005	0.02	138
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	3.82	37.4	32.3	0.06	1.59	2.52	4.11	1.47	0.98	2.45	6,726	0.28	0.06	0.02	6,751
2024	3.39	11.3	13.3	0.02	0.50	0.09	0.52	0.46	0.02	0.46	2,440	0.10	0.02	0.01	2,449
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.86	8.27	7.76	0.01	0.37	0.39	0.76	0.34	0.17	0.51	1,417	0.06	0.01	0.06	1,423
2024	0.33	1.28	1.58	< 0.005	0.06	0.01	0.07	0.05	< 0.005	0.06	267	0.01	< 0.005	0.02	269

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.16	1.51	1.42	< 0.005	0.07	0.07	0.14	0.06	0.03	0.09	235	0.01	< 0.005	0.01	236
2024	0.06	0.23	0.29	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	44.3	< 0.005	< 0.005	< 0.005	44.5

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439
Mit.	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
Mit.	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
Mit.	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222

Mit.	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78	0.57	4.54	0.01	0.01	0.29	0.30	0.01	0.05	0.06	886	0.06	0.05	3.91	905
Area	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30
Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78	0.63	4.82	0.01	0.01	0.29	0.30	0.01	0.05	0.06	873	0.06	0.05	0.10	890
Area	0.26	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.76	0.58	4.37	0.01	0.01	0.26	0.27	0.01	0.05	0.05	793	0.06	0.05	1.53	810
Area	0.29	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.64	< 0.005	< 0.005	—	0.64

Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.11	0.80	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	131	0.01	0.01	0.25	134
Area	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	65.4	0.01	< 0.005	—	65.8
Waste	—	—	—	—	—	—	—	—	—	—	6.37	0.64	0.00	—	22.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78	0.57	4.54	0.01	0.01	0.29	0.30	0.01	0.05	0.06	886	0.06	0.05	3.91	905
Area	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30
Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.11	0.77	5.03	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,321	3.95	0.05	3.92	1,439
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.78	0.63	4.82	0.01	0.01	0.29	0.30	0.01	0.05	0.06	873	0.06	0.05	0.10	890
Area	0.26	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.06	0.82	4.98	0.01	0.02	0.29	0.31	0.02	0.05	0.07	1,307	3.96	0.05	0.11	1,422
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.76	0.58	4.37	0.01	0.01	0.26	0.27	0.01	0.05	0.05	793	0.06	0.05	1.53	810
Area	0.29	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.64	< 0.005	< 0.005	—	0.64
Energy	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	395	0.05	< 0.005	—	397
Waste	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	1.06	0.77	4.69	0.01	0.02	0.26	0.29	0.02	0.05	0.07	1,228	3.95	0.05	1.54	1,343
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.14	0.11	0.80	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	131	0.01	0.01	0.25	134
Area	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	65.4	0.01	< 0.005	—	65.8
Waste	—	—	—	—	—	—	—	—	—	—	6.37	0.64	0.00	—	22.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.19	0.14	0.86	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	203	0.65	0.01	0.25	222

3. Construction Emissions Details

3.1. Demolition (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.84	27.3	23.5	0.03	1.20	—	1.20	1.10	—	1.10	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	1.50	1.29	< 0.005	0.07	—	0.07	0.06	—	0.06	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.27	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.65	0.00	0.00	0.09	0.09	0.00	0.02	0.02	98.0	0.01	< 0.005	0.48	99.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	22.8	< 0.005	< 0.005	0.04	24.0

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.26	< 0.005	< 0.005	0.01	5.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.25	< 0.005	< 0.005	< 0.005	1.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.87	< 0.005	< 0.005	< 0.005	0.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	< 0.005	< 0.005	< 0.005	0.22

3.2. Demolition (2023) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.84	27.3	23.5	0.03	1.20	—	1.20	1.10	—	1.10	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.16	1.50	1.29	< 0.005	0.07	—	0.07	0.06	—	0.06	188	0.01	< 0.005	—	188
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.27	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	31.1	< 0.005	< 0.005	—	31.2
Demolition	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.05	0.65	0.00	0.00	0.09	0.09	0.00	0.02	0.02	98.0	0.01	< 0.005	0.48	99.9
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	22.8	< 0.005	< 0.005	0.04	24.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.26	< 0.005	< 0.005	0.01	5.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.25	< 0.005	< 0.005	< 0.005	1.31
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.87	< 0.005	< 0.005	< 0.005	0.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.21	< 0.005	< 0.005	< 0.005	0.22

3.3. Site Preparation (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.95	39.7	35.5	0.05	1.81	—	1.81	1.66	—	1.66	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.09	0.97	< 0.005	0.05	—	0.05	0.05	—	0.05	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	0.14	0.14	—	0.07	0.07	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.75	0.00	0.00	0.11	0.11	0.00	0.03	0.03	114	0.01	< 0.005	0.56	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	3.07	< 0.005	< 0.005	0.01	3.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.51	< 0.005	< 0.005	< 0.005	0.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2023) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.95	39.7	35.5	0.05	1.81	—	1.81	1.66	—	1.66	5,295	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	1.09	0.97	< 0.005	0.05	—	0.05	0.05	—	0.05	145	0.01	< 0.005	—	146
Dust From Material Movement	—	—	—	—	—	0.14	0.14	—	0.07	0.07	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.20	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	24.0	< 0.005	< 0.005	—	24.1
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	0.75	0.00	0.00	0.11	0.11	0.00	0.03	0.03	114	0.01	< 0.005	0.56	117
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	3.07	< 0.005	< 0.005	0.01	3.12
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.51	< 0.005	< 0.005	< 0.005	0.52
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.72	37.3	31.4	0.06	1.59	—	1.59	1.47	—	1.47	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.72	37.3	31.4	0.06	1.59	—	1.59	1.47	—	1.47	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	3.58	3.01	0.01	0.15	—	0.15	0.14	—	0.14	633	0.03	0.01	—	635
Dust From Material Movement	—	—	—	—	—	0.23	0.23	—	0.09	0.09	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.65	0.55	< 0.005	0.03	—	0.03	0.03	—	0.03	105	< 0.005	< 0.005	—	105
Dust From Material Movement	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	0.86	0.00	0.00	0.12	0.12	0.00	0.03	0.03	131	0.01	0.01	0.64	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.88	0.00	0.00	0.12	0.12	0.00	0.03	0.03	128	0.01	0.01	0.02	130

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	12.3	< 0.005	< 0.005	0.03	12.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.03	< 0.005	< 0.005	< 0.005	2.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2023) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.72	37.3	31.4	0.06	1.59	—	1.59	1.47	—	1.47	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.72	37.3	31.4	0.06	1.59	—	1.59	1.47	—	1.47	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	3.58	3.01	0.01	0.15	—	0.15	0.14	—	0.14	633	0.03	0.01	—	635
Dust From Material Movement	—	—	—	—	—	0.23	0.23	—	0.09	0.09	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.65	0.55	< 0.005	0.03	—	0.03	0.03	—	0.03	105	< 0.005	< 0.005	—	105
Dust From Material Movement	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	0.86	0.00	0.00	0.12	0.12	0.00	0.03	0.03	131	0.01	0.01	0.64	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.88	0.00	0.00	0.12	0.12	0.00	0.03	0.03	128	0.01	0.01	0.02	130

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.08	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	12.3	< 0.005	< 0.005	0.03	12.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	2.03	< 0.005	< 0.005	< 0.005	2.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2023) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.26	11.8	13.2	0.02	0.55	—	0.55	0.51	—	0.51	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	2.08	2.32	< 0.005	0.10	—	0.10	0.09	—	0.09	422	0.02	< 0.005	—	424

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.38	0.42	< 0.005	0.02	—	0.02	0.02	—	0.02	69.9	< 0.005	< 0.005	—	70.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	21.8	< 0.005	< 0.005	< 0.005	22.1
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	21.2	< 0.005	< 0.005	< 0.005	22.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	3.84	< 0.005	< 0.005	0.01	3.91
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.73	< 0.005	< 0.005	< 0.005	3.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.64	< 0.005	< 0.005	< 0.005	0.65
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2023) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.26	11.8	13.2	0.02	0.55	—	0.55	0.51	—	0.51	2,397	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	2.08	2.32	< 0.005	0.10	—	0.10	0.09	—	0.09	422	0.02	< 0.005	—	424
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.38	0.42	< 0.005	0.02	—	0.02	0.02	—	0.02	69.9	< 0.005	< 0.005	—	70.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.15	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	21.8	< 0.005	< 0.005	< 0.005	22.1
Vendor	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	21.2	< 0.005	< 0.005	< 0.005	22.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	3.84	< 0.005	< 0.005	0.01	3.91
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.73	< 0.005	< 0.005	< 0.005	3.90
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.64	< 0.005	< 0.005	< 0.005	0.65
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.62	< 0.005	< 0.005	< 0.005	0.65
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.79	0.92	< 0.005	0.04	—	0.04	0.03	—	0.03	169	0.01	< 0.005	—	169
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.14	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	28.0	< 0.005	< 0.005	—	28.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	21.4	< 0.005	< 0.005	< 0.005	21.7
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.9	< 0.005	< 0.005	< 0.005	21.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.51	< 0.005	< 0.005	< 0.005	1.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.47	< 0.005	< 0.005	< 0.005	1.54
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.25	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.24	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.79	0.92	< 0.005	0.04	—	0.04	0.03	—	0.03	169	0.01	< 0.005	—	169
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.14	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	28.0	< 0.005	< 0.005	—	28.1
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.14	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	21.4	< 0.005	< 0.005	< 0.005	21.7
Vendor	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.9	< 0.005	< 0.005	< 0.005	21.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	1.51	< 0.005	< 0.005	< 0.005	1.54
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.47	< 0.005	< 0.005	< 0.005	1.54
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.25	< 0.005	< 0.005	< 0.005	0.25
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.24	< 0.005	< 0.005	< 0.005	0.25
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	1,512	0.06	0.01	—	1,517
Paving	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.43	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	82.8	< 0.005	< 0.005	—	83.1
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.7	< 0.005	< 0.005	—	13.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.62	0.00	0.00	0.09	0.09	0.00	0.02	0.02	94.2	0.01	< 0.005	0.01	95.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.17	< 0.005	< 0.005	0.01	5.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.86	< 0.005	< 0.005	< 0.005	0.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	1,512	0.06	0.01	—	1,517
Paving	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.43	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	82.8	< 0.005	< 0.005	—	83.1
Paving	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	13.7	< 0.005	< 0.005	—	13.8
Paving	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.62	0.00	0.00	0.09	0.09	0.00	0.02	0.02	94.2	0.01	< 0.005	0.01	95.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	5.17	< 0.005	< 0.005	0.01	5.26
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.86	< 0.005	< 0.005	< 0.005	0.87
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	134	0.01	< 0.005	—	134
Architectural Coatings	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	134	0.01	< 0.005	—	134

Architectural	10.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	4.37	< 0.005	< 0.005	0.02	4.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	4.28	< 0.005	< 0.005	< 0.005	4.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.23	< 0.005	< 0.005	< 0.005	0.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.04	< 0.005	< 0.005	< 0.005	0.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	134	0.01	< 0.005	—	134
Architectural Coatings	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	134	0.01	< 0.005	—	134

Architectural	3.25	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	7.32	< 0.005	< 0.005	—	7.34
Architectural Coatings	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.21	< 0.005	< 0.005	—	1.22
Architectural Coatings	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	4.37	< 0.005	< 0.005	0.02	4.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	4.28	< 0.005	< 0.005	< 0.005	4.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.23	< 0.005	< 0.005	< 0.005	0.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.04	< 0.005	< 0.005	< 0.005	0.04
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.60	0.44	3.49	0.01	0.01	0.22	0.23	0.01	0.04	0.05	683	0.04	0.04	3.01	697
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.18	0.13	1.04	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	204	0.01	0.01	0.90	208

Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.78	0.57	4.54	0.01	0.01	0.29	0.30	0.01	0.05	0.06	886	0.06	0.05	3.91	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.60	0.48	3.72	0.01	0.01	0.22	0.23	0.01	0.04	0.05	672	0.05	0.04	0.08	685
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.18	0.14	1.11	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	201	0.01	0.01	0.02	204
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.78	0.63	4.82	0.01	0.01	0.29	0.30	0.01	0.05	0.06	873	0.06	0.05	0.10	890
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.11	0.09	0.65	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	111	0.01	0.01	0.22	114
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.03	0.02	0.14	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.0	< 0.005	< 0.005	0.04	20.4
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.11	0.80	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	131	0.01	0.01	0.25	134

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.60	0.44	3.49	0.01	0.01	0.22	0.23	0.01	0.04	0.05	683	0.04	0.04	3.01	697
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.18	0.13	1.04	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	204	0.01	0.01	0.90	208
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.78	0.57	4.54	0.01	0.01	0.29	0.30	0.01	0.05	0.06	886	0.06	0.05	3.91	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.60	0.48	3.72	0.01	0.01	0.22	0.23	0.01	0.04	0.05	672	0.05	0.04	0.08	685
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.18	0.14	1.11	< 0.005	< 0.005	0.07	0.07	< 0.005	0.01	0.01	201	0.01	0.01	0.02	204
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.78	0.63	4.82	0.01	0.01	0.29	0.30	0.01	0.05	0.06	873	0.06	0.05	0.10	890
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.11	0.09	0.65	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	111	0.01	0.01	0.22	114

Apartment Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.03	0.02	0.14	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	20.0	< 0.005	< 0.005	0.04	20.4
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.14	0.11	0.80	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	131	0.01	0.01	0.25	134

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	1.76	< 0.005	< 0.005	—	1.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	32.0	0.01	< 0.005	—	32.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	164	0.03	< 0.005	—	166

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	1.76	< 0.005	< 0.005	—	1.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	32.0	0.01	< 0.005	—	32.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	164	0.03	< 0.005	—	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.29	< 0.005	< 0.005	—	0.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	5.30	< 0.005	< 0.005	—	5.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.4	< 0.005	< 0.005	—	20.6
Health Club	—	—	—	—	—	—	—	—	—	—	1.12	< 0.005	< 0.005	—	1.13
Total	—	—	—	—	—	—	—	—	—	—	27.1	< 0.005	< 0.005	—	27.4

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	1.76	< 0.005	< 0.005	—	1.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	32.0	0.01	< 0.005	—	32.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	164	0.03	< 0.005	—	166
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	1.76	< 0.005	< 0.005	—	1.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	32.0	0.01	< 0.005	—	32.3
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	164	0.03	< 0.005	—	166
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00

Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.29	< 0.005	< 0.005	—	0.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	5.30	< 0.005	< 0.005	—	5.35
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	20.4	< 0.005	< 0.005	—	20.6
Health Club	—	—	—	—	—	—	—	—	—	—	1.12	< 0.005	< 0.005	—	1.13
Total	—	—	—	—	—	—	—	—	—	—	27.1	< 0.005	< 0.005	—	27.4

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	8.59	< 0.005	< 0.005	—	8.61
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	206	0.02	< 0.005	—	207
Health Club	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.2	< 0.005	< 0.005	—	16.3
Total	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	231	0.02	< 0.005	—	232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	8.59	< 0.005	< 0.005	—	8.61
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	206	0.02	< 0.005	—	207
Health Club	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.2	< 0.005	< 0.005	—	16.3
Total	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	231	0.02	< 0.005	—	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.42	< 0.005	< 0.005	—	1.43
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	34.2	< 0.005	< 0.005	—	34.3
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	2.69	< 0.005	< 0.005	—	2.69
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	38.3	< 0.005	< 0.005	—	38.4

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	8.59	< 0.005	< 0.005	—	8.61
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	206	0.02	< 0.005	—	207
Health Club	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.2	< 0.005	< 0.005	—	16.3
Total	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	231	0.02	< 0.005	—	232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	8.59	< 0.005	< 0.005	—	8.61
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	206	0.02	< 0.005	—	207
Health Club	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	16.2	< 0.005	< 0.005	—	16.3
Total	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	231	0.02	< 0.005	—	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.42	< 0.005	< 0.005	—	1.43
Parking Lot	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	34.2	< 0.005	< 0.005	—	34.3
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	2.69	< 0.005	< 0.005	—	2.69
Total	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	38.3	< 0.005	< 0.005	—	38.4

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30
Total	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coatings	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.26	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11
Total	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11

4.3.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30
Total	0.32	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	1.30	< 0.005	< 0.005	—	1.30

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.26	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11
Total	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.11	< 0.005	< 0.005	—	0.11

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.4.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	1.04	0.10	0.00	—	3.65

Apartment Low Rise	—	—	—	—	—	—	—	—	—	—	0.42	0.04	0.00	—	1.46
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.42	0.04	0.00	—	1.46
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.17	0.02	0.00	—	0.60
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.07	0.01	0.00	—	0.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	5.52	0.55	0.00	—	19.3
Health Club	—	—	—	—	—	—	—	—	—	—	0.61	0.06	0.00	—	2.14
Total	—	—	—	—	—	—	—	—	—	—	6.37	0.64	0.00	—	22.3

4.5.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.42	0.04	0.00	—	1.46
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.42	0.04	0.00	—	1.46

Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	38.5	3.85	0.00	—	135
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	0.17	0.02	0.00	—	0.60
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	0.07	0.01	0.00	—	0.24
Parking Lot	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	—	0.00
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	5.52	0.55	0.00	—	19.3
Health Club	—	—	—	—	—	—	—	—	—	—	0.61	0.06	0.00	—	2.14
Total	—	—	—	—	—	—	—	—	—	—	6.37	0.64	0.00	—	22.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/1/2023	7/29/2023	5.00	20.0	—
Site Preparation	Site Preparation	7/30/2023	8/13/2023	5.00	10.0	—
Grading	Grading	8/14/2023	10/2/2023	5.00	35.0	—
Building Construction	Building Construction	10/3/2023	2/5/2024	5.00	90.0	—
Paving	Paving	2/6/2024	3/4/2024	5.00	20.0	—
Architectural Coating	Architectural Coating	3/5/2024	4/1/2024	5.00	20.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38

Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Tier 3	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Tier 3	2.00	8.00	367	0.40
Site Preparation	Rubber Tired Dozers	Diesel	Tier 3	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 3	4.00	8.00	84.0	0.37
Grading	Excavators	Diesel	Tier 3	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 3	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 3	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 3	2.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 3	2.00	8.00	84.0	0.37
Building Construction	Cranes	Diesel	Tier 3	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 3	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 3	3.00	7.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 3	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 3	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 3	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	0.30	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT

Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	3.41	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	1.16	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	0.68	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	8.80	LDA,LDT1,LDT2
Demolition	Vendor	—	5.30	HHDT,MHDT
Demolition	Hauling	0.30	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	8.80	LDA,LDT1,LDT2
Site Preparation	Vendor	—	5.30	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	8.80	LDA,LDT1,LDT2
Grading	Vendor	—	5.30	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	3.41	8.80	LDA,LDT1,LDT2
Building Construction	Vendor	1.16	5.30	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	8.80	LDA,LDT1,LDT2
Paving	Vendor	—	5.30	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—

Architectural Coating	Worker	0.68	8.80	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	5.30	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	3,777	1,259	11,400	3,800	3,920

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	500	—
Site Preparation	—	—	15.0	0.00	—
Grading	—	—	105	0.00	—
Paving	0.00	0.00	0.00	0.00	1.50

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
City Park	0.00	0%
Apartments Low Rise	—	0%
Parking Lot	1.50	100%
High Turnover (Sit Down Restaurant)	0.00	0%
Health Club	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2023	0.00	204	0.03	< 0.005
2024	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	134	134	134	48,947	810	810	810	295,717
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	40.0	40.0	40.0	14,596	101	242	242	51,580
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	134	134	134	48,947	810	810	810	295,717
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	40.0	40.0	40.0	14,596	101	242	242	51,580
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
3776.625	1,259	11,400	3,800	3,920

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00

Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	204	0.0330	0.0040	0.00
Apartments Low Rise	3,155	204	0.0330	0.0040	26,793
Parking Lot	57,238	204	0.0330	0.0040	0.00
High Turnover (Sit Down Restaurant)	220,754	204	0.0330	0.0040	644,115
Health Club	12,103	204	0.0330	0.0040	50,633

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	204	0.0330	0.0040	0.00
Apartments Low Rise	3,155	204	0.0330	0.0040	26,793
Parking Lot	57,238	204	0.0330	0.0040	0.00
High Turnover (Sit Down Restaurant)	220,754	204	0.0330	0.0040	644,115
Health Club	12,103	204	0.0330	0.0040	50,633

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	1.93	—
Apartments Low Rise	0.78	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	61.9	—
Health Club	6.84	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	1.93	—
Apartments Low Rise	0.78	—
Parking Lot	0.00	—
High Turnover (Sit Down Restaurant)	61.9	—
Health Club	6.84	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.00	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	—	1.00
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.8	annual days of extreme heat
Extreme Precipitation	7.20	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	42.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	11.6
AQ-PM	5.49
AQ-DPM	4.74
Drinking Water	74.4
Lead Risk Housing	24.6
Pesticides	80.6
Toxic Releases	7.85
Traffic	9.24
Effect Indicators	—
CleanUp Sites	27.5
Groundwater	91.8
Haz Waste Facilities/Generators	61.6
Impaired Water Bodies	77.3
Solid Waste	95.0

Sensitive Population	—
Asthma	21.7
Cardio-vascular	22.9
Low Birth Weights	46.5
Socioeconomic Factor Indicators	—
Education	54.8
Housing	16.3
Linguistic	33.3
Poverty	29.2
Unemployment	19.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	51.81573207
Employed	89.04144745
Median HI	57.39766457
Education	—
Bachelor's or higher	52.99627871
High school enrollment	8.995252149
Preschool enrollment	79.78955473
Transportation	—
Auto Access	76.73553189
Active commuting	34.12036443
Social	—
2-parent households	98.02386757

Voting	95.64994226
Neighborhood	—
Alcohol availability	42.91030412
Park access	29.57782625
Retail density	4.131913255
Supermarket access	27.678686
Tree canopy	56.03746952
Housing	—
Homeownership	70.96111895
Housing habitability	39.17618375
Low-inc homeowner severe housing cost burden	39.58680867
Low-inc renter severe housing cost burden	27.78134223
Uncrowded housing	43.53907353
Health Outcomes	—
Insured adults	38.07262928
Arthritis	0.0
Asthma ER Admissions	83.7
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	44.2
Cognitively Disabled	88.7
Physically Disabled	74.5
Heart Attack ER Admissions	64.6

Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	60.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.2
SLR Inundation Area	0.0
Children	67.0
Elderly	27.8
English Speaking	67.2
Foreign-born	28.6
Outdoor Workers	53.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	87.6
Traffic Density	11.4
Traffic Access	0.0
Other Indices	—
Hardship	38.1
Other Decision Support	—
2016 Voting	95.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	28.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on information provided.
Construction: Construction Phases	Assumes approximate 9 month construction period based on information provided.
Operations: Vehicle Data	Special Events (7.69/ksf), Park Uses (5.96/ac). Special events 12/yr. (annual emissions calculated separately).
Operations: Refrigerants	HVAC not included, with exception of the apartment space.

Buellton Park Addition - Water Use Detailed Report

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5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Buellton Park Addition - Water Use
Operational Year	2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.10
Precipitation (days)	27.8
Location	34.61261334590269, -120.20596674540158
County	Santa Barbara
City	Buellton
Air District	Santa Barbara County APCD
Air Basin	South Central Coast
TAZ	3334
EDFZ	6
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.11

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
City Park	22.5	Acre	22.5	0.00	22.5	22.5	—	Park

Apartments Low Rise	1.00	Dwelling Unit	0.06	1,865	0.00	—	3.00	Apartment
High Turnover (Sit Down Restaurant)	5.20	1000sqft	0.12	5,200	0.00	—	—	Special Event Area
Health Club	1.20	1000sqft	0.03	1,200	0.00	—	—	Restrooms

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Water	W-4	Require Low-Flow Water Fixtures

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.08	0.32	0.20	0.49	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	42.1	370	412	3.90	0.01	8.15	521
Mit.	0.08	0.32	0.20	0.49	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	42.1	369	412	3.90	0.01	8.15	520
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	—	—	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.02	0.27	0.19	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	368	410	3.90	0.01	8.15	519
Mit.	0.02	0.27	0.19	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	368	410	3.90	0.01	8.15	519
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	—	—	—	< 0.5%

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.05	0.29	0.19	0.32	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	369	411	3.90	0.01	8.15	520
Mit.	0.05	0.29	0.19	0.32	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	369	411	3.90	0.01	8.15	520
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	—	—	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.01	0.05	0.04	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	6.97	61.1	68.0	0.65	< 0.005	1.35	86.1
Mit.	0.01	0.05	0.04	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	6.96	61.1	68.0	0.65	< 0.005	1.35	86.1
% Reduced	—	—	—	—	—	—	—	—	—	—	—	< 0.5%	< 0.5%	< 0.5%	< 0.5%	1%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.05	0.31	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.30	1.30	< 0.005	< 0.005	—	1.30
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.60	5.09	8.69	0.01	0.01	—	11.4
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Total	0.08	0.32	0.20	0.49	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	42.1	370	412	3.90	0.01	8.15	521
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.25	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.60	5.09	8.69	0.01	0.01	—	11.4
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Total	0.02	0.27	0.19	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	368	410	3.90	0.01	8.15	519
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.03	0.28	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.60	5.09	8.69	0.01	0.01	—	11.4
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Total	0.05	0.29	0.19	0.32	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	369	411	3.90	0.01	8.15	520
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	< 0.005	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.11	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.1	60.1	0.01	< 0.005	—	60.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.60	0.84	1.44	< 0.005	< 0.005	—	1.89
Waste	—	—	—	—	—	—	—	—	—	—	—	6.37	0.00	6.37	0.64	0.00	—	22.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35
Total	0.01	0.05	0.04	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	6.97	61.1	68.0	0.65	< 0.005	1.35	86.1

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.05	0.31	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.30	1.30	< 0.005	< 0.005	—	1.30
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.56	5.03	8.59	0.01	0.01	—	11.3
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Total	0.08	0.32	0.20	0.49	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	42.1	369	412	3.90	0.01	8.15	520
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.00	0.25	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.56	5.03	8.59	0.01	0.01	—	11.3
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Total	0.02	0.27	0.19	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	368	410	3.90	0.01	8.15	519
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.03	0.28	< 0.005	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.64	0.64	< 0.005	< 0.005	—	0.64
Energy	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	363	363	0.04	< 0.005	—	365
Water	—	—	—	—	—	—	—	—	—	—	—	3.56	5.03	8.59	0.01	0.01	—	11.3
Waste	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15

Total	0.05	0.29	0.19	0.32	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	42.1	369	411	3.90	0.01	8.15	520
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Area	< 0.005	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.11	0.11	< 0.005	< 0.005	—	0.11
Energy	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	60.1	60.1	0.01	< 0.005	—	60.4
Water	—	—	—	—	—	—	—	—	—	—	—	0.59	0.83	1.42	< 0.005	< 0.005	—	1.86
Waste	—	—	—	—	—	—	—	—	—	—	—	6.37	0.00	6.37	0.64	0.00	—	22.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35
Total	0.01	0.05	0.04	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	6.96	61.1	68.0	0.65	< 0.005	1.35	86.1

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1.76	1.76	< 0.005	< 0.005	—	1.78
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	6.76	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	—	—	132	132	0.02	< 0.005	—	133
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Apartments	—	—	—	—	—	—	—	—	—	—	—	—	1.76	1.76	< 0.005	< 0.005	—	1.78
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	6.76	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	—	—	132	132	0.02	< 0.005	—	133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29	< 0.005	< 0.005	—	0.29
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	20.4	20.4	< 0.005	< 0.005	—	20.6
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	1.12	1.12	< 0.005	< 0.005	—	1.13
Total	—	—	—	—	—	—	—	—	—	—	—	—	21.8	21.8	< 0.005	< 0.005	—	22.1

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1.76	1.76	< 0.005	< 0.005	—	1.78

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	6.76	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	—	—	132	132	0.02	< 0.005	—	133
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	1.76	1.76	< 0.005	< 0.005	—	1.78
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	123	123	0.02	< 0.005	—	125
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	6.76	6.76	< 0.005	< 0.005	—	6.83
Total	—	—	—	—	—	—	—	—	—	—	—	—	132	132	0.02	< 0.005	—	133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	0.29	0.29	< 0.005	< 0.005	—	0.29
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	20.4	20.4	< 0.005	< 0.005	—	20.6
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	1.12	1.12	< 0.005	< 0.005	—	1.13
Total	—	—	—	—	—	—	—	—	—	—	—	—	21.8	21.8	< 0.005	< 0.005	—	22.1

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.59	8.59	< 0.005	< 0.005	—	8.61
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Health Club	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.3
Total	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	231	231	0.02	< 0.005	—	232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.59	8.59	< 0.005	< 0.005	—	8.61
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Health Club	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.3
Total	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	231	231	0.02	< 0.005	—	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.42	1.42	< 0.005	< 0.005	—	1.43
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.69	2.69	< 0.005	< 0.005	—	2.69
Total	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	38.3	38.3	< 0.005	< 0.005	—	38.4

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.59	8.59	< 0.005	< 0.005	—	8.61
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Health Club	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.3
Total	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	231	231	0.02	< 0.005	—	232
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Apartme Low Rise	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.59	8.59	< 0.005	< 0.005	—	8.61
High Turnover (Sit Down Restaurant)	0.02	0.01	0.17	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	206	206	0.02	< 0.005	—	207
Health Club	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.3
Total	0.02	0.01	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	231	231	0.02	< 0.005	—	232
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Apartments Low Rise	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.42	1.42	< 0.005	< 0.005	—	1.43
High Turnover (Sit Down Restaurant)	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	34.2	34.2	< 0.005	< 0.005	—	34.3
Health Club	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.69	2.69	< 0.005	< 0.005	—	2.69
Total	< 0.005	< 0.005	0.04	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	38.3	38.3	< 0.005	< 0.005	—	38.4

4.3. Area Emissions by Source

4.3.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00

Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.30	1.30	< 0.005	< 0.005	—	1.30
Total	0.05	0.31	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.30	1.30	< 0.005	< 0.005	—	1.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.25	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Total	< 0.005	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.11	0.11	< 0.005	< 0.005	—	0.11

4.3.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.05	0.05	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.30	1.30	< 0.005	< 0.005	—	1.30
Total	0.05	0.31	< 0.005	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	1.30	1.30	< 0.005	< 0.005	—	1.30
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Consumer Products	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.00	0.25	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hearths	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00

Consumer Products	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.11	0.11	< 0.005	< 0.005	—	0.11
Total	< 0.005	0.05	< 0.005	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	0.00	0.11	0.11	< 0.005	< 0.005	—	0.11

4.4. Water Emissions by Land Use

4.4.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.08	0.11	0.18	< 0.005	< 0.005	—	0.24
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.37	4.77	8.15	0.01	0.01	—	10.7
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.15	0.21	0.37	< 0.005	< 0.005	—	0.48
Total	—	—	—	—	—	—	—	—	—	—	—	3.60	5.09	8.69	0.01	0.01	—	11.4

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.08	0.11	0.18	< 0.005	< 0.005	—	0.24
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.37	4.77	8.15	0.01	0.01	—	10.7
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.15	0.21	0.37	< 0.005	< 0.005	—	0.48
Total	—	—	—	—	—	—	—	—	—	—	—	3.60	5.09	8.69	0.01	0.01	—	11.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.01	0.02	0.03	< 0.005	< 0.005	—	0.04
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.56	0.79	1.35	< 0.005	< 0.005	—	1.77
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.03	0.04	0.06	< 0.005	< 0.005	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.60	0.84	1.44	< 0.005	< 0.005	—	1.89

4.4.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.07	0.10	0.16	< 0.005	< 0.005	—	0.22
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.34	4.72	8.06	0.01	0.01	—	10.6
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.15	0.21	0.36	< 0.005	< 0.005	—	0.48
Total	—	—	—	—	—	—	—	—	—	—	—	3.56	5.03	8.59	0.01	0.01	—	11.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.07	0.10	0.16	< 0.005	< 0.005	—	0.22
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	3.34	4.72	8.06	0.01	0.01	—	10.6
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.15	0.21	0.36	< 0.005	< 0.005	—	0.48
Total	—	—	—	—	—	—	—	—	—	—	—	3.56	5.03	8.59	0.01	0.01	—	11.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.00	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.01	0.02	0.03	< 0.005	< 0.005	—	0.04
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	0.55	0.78	1.33	< 0.005	< 0.005	—	1.75

Health Club	—	—	—	—	—	—	—	—	—	—	—	0.02	0.04	0.06	< 0.005	< 0.005	—	0.08
Total	—	—	—	—	—	—	—	—	—	—	—	0.59	0.83	1.42	< 0.005	< 0.005	—	1.86

4.5. Waste Emissions by Land Use

4.5.2. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	33.3	0.00	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.69	0.00	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	33.3	0.00	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.69	0.00	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.07	0.00	0.07	0.01	0.00	—	0.24
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	5.52	0.00	5.52	0.55	0.00	—	19.3
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.61	0.00	0.61	0.06	0.00	—	2.14
Total	—	—	—	—	—	—	—	—	—	—	—	6.37	0.00	6.37	0.64	0.00	—	22.3

4.5.1. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46

High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	33.3	0.00	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.69	0.00	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	1.04	0.00	1.04	0.10	0.00	—	3.65
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.42	0.00	0.42	0.04	0.00	—	1.46
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	33.3	0.00	33.3	3.33	0.00	—	117
Health Club	—	—	—	—	—	—	—	—	—	—	—	3.69	0.00	3.69	0.37	0.00	—	12.9
Total	—	—	—	—	—	—	—	—	—	—	—	38.5	0.00	38.5	3.85	0.00	—	135
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	0.17	0.00	0.17	0.02	0.00	—	0.60
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	0.07	0.00	0.07	0.01	0.00	—	0.24
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	5.52	0.00	5.52	0.55	0.00	—	19.3
Health Club	—	—	—	—	—	—	—	—	—	—	—	0.61	0.00	0.61	0.06	0.00	—	2.14
Total	—	—	—	—	—	—	—	—	—	—	—	6.37	0.00	6.37	0.64	0.00	—	22.3

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.13	8.13
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.13	8.13
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.13	8.13
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.13	8.13
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8.15	8.15
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00
Apartments Low Rise	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
High Turnover (Sit Down Restaurant)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35
Health Club	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.35	1.35

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—
Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.1.2. Mitigated

Hearth Type	Unmitigated (number)
Apartments Low Rise	—

Wood Fireplaces	0
Gas Fireplaces	0
Propane Fireplaces	0
Electric Fireplaces	0
No Fireplaces	1
Conventional Wood Stoves	0
Catalytic Wood Stoves	0
Non-Catalytic Wood Stoves	0
Pellet Wood Stoves	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
3776.625	1,259	11,400	3,800	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	204	0.0330	0.0040	0.00
Apartments Low Rise	3,155	204	0.0330	0.0040	26,793
High Turnover (Sit Down Restaurant)	220,754	204	0.0330	0.0040	644,115
Health Club	12,103	204	0.0330	0.0040	50,633

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	204	0.0330	0.0040	0.00
Apartments Low Rise	3,155	204	0.0330	0.0040	26,793
High Turnover (Sit Down Restaurant)	220,754	204	0.0330	0.0040	644,115
Health Club	12,103	204	0.0330	0.0040	50,633

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	597
Apartments Low Rise	35,133	0.00
High Turnover (Sit Down Restaurant)	1,578,375	0.00
Health Club	70,972	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	597
Apartments Low Rise	31,876	0.00
High Turnover (Sit Down Restaurant)	1,561,645	0.00
Health Club	70,333	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	1.93	—
Apartments Low Rise	0.78	—
High Turnover (Sit Down Restaurant)	61.9	—
Health Club	6.84	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	1.93	—
Apartments Low Rise	0.78	—
High Turnover (Sit Down Restaurant)	61.9	—
Health Club	6.84	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0
Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00
Apartments Low Rise	Average room A/C & Other residential A/C and heat pumps	R-410A	2,088	< 0.005	2.50	2.50	10.0

Apartments Low Rise	Household refrigerators and/or freezers	R-134a	1,430	0.12	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Household refrigerators and/or freezers	R-134a	1,430	0.00	0.60	0.00	1.00
High Turnover (Sit Down Restaurant)	Other commercial A/C and heat pumps	R-410A	2,088	1.80	4.00	4.00	18.0
High Turnover (Sit Down Restaurant)	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Health Club	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Health Club	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	10.8	annual days of extreme heat
Extreme Precipitation	7.20	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	42.2	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A

Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	11.6
AQ-PM	5.49
AQ-DPM	4.74
Drinking Water	74.4
Lead Risk Housing	24.6
Pesticides	80.6
Toxic Releases	7.85
Traffic	9.24
Effect Indicators	—
CleanUp Sites	27.5
Groundwater	91.8
Haz Waste Facilities/Generators	61.6
Impaired Water Bodies	77.3
Solid Waste	95.0
Sensitive Population	—
Asthma	21.7
Cardio-vascular	22.9
Low Birth Weights	46.5
Socioeconomic Factor Indicators	—
Education	54.8
Housing	16.3
Linguistic	33.3
Poverty	29.2

Unemployment	19.6

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	51.81573207
Employed	89.04144745
Median HI	57.39766457
Education	—
Bachelor's or higher	52.99627871
High school enrollment	8.995252149
Preschool enrollment	79.78955473
Transportation	—
Auto Access	76.73553189
Active commuting	34.12036443
Social	—
2-parent households	98.02386757
Voting	95.64994226
Neighborhood	—
Alcohol availability	42.91030412
Park access	29.57782625
Retail density	4.131913255
Supermarket access	27.678686
Tree canopy	56.03746952
Housing	—
Homeownership	70.96111895

Housing habitability	39.17618375
Low-inc homeowner severe housing cost burden	39.58680867
Low-inc renter severe housing cost burden	27.78134223
Uncrowded housing	43.53907353
Health Outcomes	—
Insured adults	38.07262928
Arthritis	0.0
Asthma ER Admissions	83.7
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	44.2
Cognitively Disabled	88.7
Physically Disabled	74.5
Heart Attack ER Admissions	64.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	60.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0

No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.2
SLR Inundation Area	0.0
Children	67.0
Elderly	27.8
English Speaking	67.2
Foreign-born	28.6
Outdoor Workers	53.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	87.6
Traffic Density	11.4
Traffic Access	0.0
Other Indices	—
Hardship	38.1
Other Decision Support	—
2016 Voting	95.7

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	28.0
Healthy Places Index Score for Project Location (b)	67.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Based on information provided
Operations: Vehicle Data	Model run is only for water usage calc. Refer to other CalEEMod run for mobile emissions calc

CALEEMOD ADJUSTMENTS

Annual mobile-source emissions of GHGs were adjusted to reflect the estimated annual trip generation rates, based on an estimated total of 12 events annually, based on information

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	134	134	134	48,947	810	810	810	295,717
Apartments Low Rise	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
High Turnover (Sit Down Restaurant)	40.0	40.0	40.0	14,596	101	242	242	51,580
Health Club	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CALEEMOD EMISSIONS MODELING ASSUMPTIONS

	WEEKDAY	SAT	SUN	ANNUAL	
TRIPS	40	40	40	14596	
VMT	101	242	242	51580	
VMT/TRIP	2.53	6.05	6.05	3.53	
AVG VMT/DAY				141.32	364
DAYS/YR	365				

ADJUSTED EMISSIONS MODELING ASSUMPTIONS

ADJUSTED DAYS/YR	12	(Based on estimated average of 1 event/month, based on information provid
ADJUSTED TRIPS/YR	480	

SPECIAL EVENT BASIN MILEAGE CALC

SANTA MARIA/NORTHERN BASIN BOUNDARY	35	
VANDENBERG	25	
LOS OLIVOS	10	
SANTA YNEZ	7	
LOMPOC	17	
GOLETA/ISLA VISTA	35	
SANTA BARBARA/MONTECITO	45	
CARPENTERIA	55	(Maximum)
LOCAL	4	
AVG VMT/TRIP	26	(Avg.)

ADJUSTED AVG VMT/YEAR	12,423	(Based on adjusted trips/yr multiplied by avg. vmt/trip [26 miles] for special e
MOBILE SOURCE ADJUSTMENT FACTOR	0.24	Assumes equal distribution of trips.)
ADJUSTED MAX VMT/YEAR	26,393	(Based on adjusted trips/yr multiplied by max. vmt/trip [55 miles] for special
MOBILE SOURCE ADJUSTMENT FACTOR	0.51	

CALEEMOD SPECIAL EVENT MOBILE SOURCE GHGs:	20.4	MTCO2e
ADJUSTED SPECIAL EVENT MOBILE SOURCE GHGs:		
AVERAGE ANNUAL BASED ON AVG ANNUAL EQUALLY DISTRIBUTED	4.9	MTCO2e
CONVERVATIVE MAX ANNUAL - ASSUMING ALL TRIPS AT 55 MILES/TRIP:	10.4	MTCO2e

Appendix D

Noise and Groundborne Vibration Assessment, May 2023

NOISE & GROUNDBORNE VIBRATION IMPACT ASSESSMENT

FOR

CITY OF BUELLTON'S WILLEMSEN ADDITION TO RIVER VIEW PARK

MAY 2023

PREPARED BY:

AMBIENT
AIR QUALITY & NOISE CONSULTING

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Appendix A Noise Prediction Modeling

INTRODUCTION

This report provides an analysis of noise impacts associated with the City of Buellton's Willemsen Addition to River View Park. This report also provides a summary of existing conditions in the project area and applicable noise standards. The proposed project site plan is depicted in Figures 1.

PROJECT DESCRIPTION

The Project consists of a Final Development Plan (22-FDP-XX) to construct a multi-purpose recreational and event facility on a 24+/- acre site (APNs 099-660-032, -033, -034, -035, & 099-670-005). The site is divided into a 4-acre upper portion and a 20-acre lower portion.

The upper portion (about 4 acres) contains an existing residence (3,200 square feet), an existing dairy barn (designated as a historic structure by the City of Buellton), and an existing 1,600 square foot open storage shed. The lower portion (about 20 acres) is vacant (except for the 1.25-acre horseback riding facility already operating). Was formerly used for hay farming (at least 8-10 years ago).

Proposed uses for the upper portion consist of:

- Library (approximately 2,430 square feet) and Community rooms (1,565 square feet) in converted existing residence - Given library facilities in Solvang, Goleta, Lompoc, and Los Alamos, library patrons are expected to primarily be residents of Buellton and nearby rural residents.
- Wedding/Event facility in Barn (about 7,000 square feet) includes warming kitchen and 2nd floor apartment space (up to 150 persons per event). These events are expected to occur about 1 per month;
- Outdoor active play area "Children's Museum" - about 30,00 square feet of area, including 1,600 square feet of covered space (current open storage shed). Restroom facilities and play equipment to be installed. This use is intended to serve the general Santa Ynez Valley population.

Proposed uses for the lower portion consist of:

- 1.25-acre horseback riding center (horse corrals and small office structure w/ storage. Approximately 24 trips per day maximum anticipated;
- Paved parking lot (about 1.5 acres) with about 112 parking spaces to serve upper and lower portion uses. Future restroom facility. Parking area to be reached by new access road across (non-jurisdictional) drainage channel from River View Park east parking lot;
- Possible 10,000 square feet expansion of Children's Museum play area
- Sport facilities/play fields (about 15 acres) with parking and restroom facilities: 2 full sized soccer fields, of which 1 will not be available for open play, but only used for infrequent club events, 1 mid-sized field, and 1 small sized soccer field, baseball/softball field, 2 pickleball/multi-use courts, some supplemental parking (40 spaces) and restroom facility - non-club fields and courts will primarily serve local valley recreational needs. Soccer fields could accommodate small tournaments (4 per year maximum anticipated). Approximately 2,150 trips generated per tournament over the course of an 8 to 10-hour day. Tournaments held in this location are expected to relocate here from other less desirable sites in the Santa Ynez Valley that are currently used for soccer tournaments;
- Assume about 2.5 acres to remain undeveloped (berm along south boundary of property/well area).

FIGURE 1. PROPOSED PROJECT SITE PLAN



ACOUSTIC FUNDAMENTALS

Noise is generally defined as sound that is loud, disagreeable, or unexpected. Sound, as described in more detail below, is mechanical energy transmitted in the form of a wave because of a disturbance or vibration.

AMPLITUDE

Amplitude is the difference between ambient air pressure and the peak pressure of the sound wave. Amplitude is measured in decibels (dB) on a logarithmic scale as discussed below. Amplitude is interpreted by the ear as corresponding to different degrees of loudness. Laboratory measurements have determined that a 10 dB increase in amplitude correlates with a perceived doubling of loudness and a 3 dB change in amplitude is the minimum audible difference perceptible to the average person.

FREQUENCY

Frequency is the number of fluctuations of the pressure wave per second. The unit of frequency is the Hertz (Hz). One Hz equals one cycle per second. The human ear is not equally sensitive to sound of different frequencies. Sound waves below 16 Hz or above 20,000 Hz cannot be heard at all, and the ear is more sensitive to sound in the higher portion of this range than in the lower. To approximate this sensitivity, environmental sound is usually measured in A-weighted decibels (dBA). On this scale, the normal range of human hearing extends from about 10 dBA to about 140 dBA. Common community noise sources and associated noise levels, in dBA, are depicted in Figure 2.

ADDITION OF DECIBELS

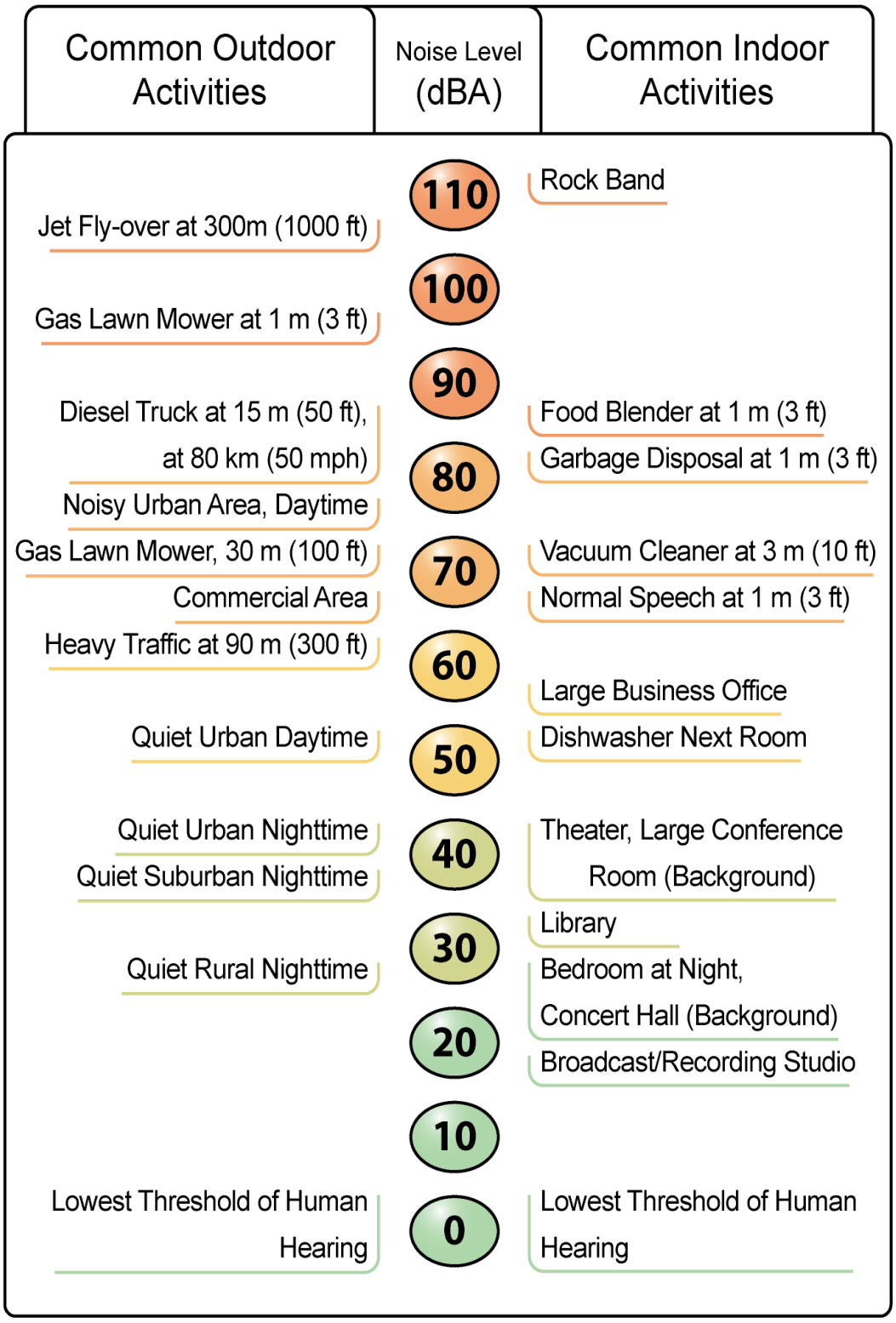
Because decibels are logarithmic units, sound levels cannot be added or subtracted through ordinary arithmetic. Under the decibel scale, a doubling of sound energy corresponds to a 3-dB increase. In other words, when two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be 3 dB higher than one source under the same conditions. For example, if one automobile produces a sound level of 70 dB when it passes an observer, two cars passing simultaneously would not produce 140 dB; rather, they would combine to produce 73 dB. Under the decibel scale, three sources of equal loudness together would produce an increase of 5 dB.

SOUND PROPAGATION & ATTENUATION

Geometric Spreading

Sound from a localized source (i.e., a point source) propagates uniformly outward in a spherical pattern. The sound level decreases (attenuates) at a rate of approximately 6 dB for each doubling of distance from a point source. Highways consist of several localized noise sources on a defined path, and hence can be treated as a line source, which approximates the effect of several point sources. Noise from a line source propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of approximately 3 dB for each doubling of distance from a line source, depending on ground surface characteristics. For acoustically hard sites (i.e., sites with a reflective surface between the source and the receiver, such as a parking lot or body of water,), no excess ground attenuation is assumed. For acoustically absorptive or soft sites (i.e., those sites with an absorptive ground surface between a line source and the receiver, such as soft dirt, grass, or scattered bushes and trees), an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed. When added to the cylindrical spreading, the excess ground attenuation for soft surfaces results in an overall attenuation rate of 4.5 dB per doubling of distance from a line source.

FIGURE 2. TYPICAL COMMUNITY NOISE LEVELS



Source: Caltrans 2021

Shielding by Natural or Human-Made Features

A large object or barrier in the path between a noise source and a receiver can substantially attenuate noise levels at the receiver. The amount of attenuation provided by shielding depends on the size of the object and the frequency content of the noise source. Natural terrain features (e.g., hills and dense woods) and human-made features (e.g., buildings and walls) can substantially reduce noise levels. Walls are often constructed between a source and a receiver specifically to reduce noise. A barrier that breaks the line of sight between a source and a receiver will typically result in an approximate 5 dB of noise reduction. Taller barriers provide increased noise reduction. Intervening buildings can reduce noise levels by as much as approximately 15 dB.

NOISE DESCRIPTORS

The decibel scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by the characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the sound-pressure level in that range. In general, people are most sensitive to the frequency range of 1,000 to 8,000 Hz, and perceive sounds within that range better than sounds of the same amplitude in higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted, depending on the human sensitivity to those frequencies, which is referred to as the "A-weighted" sound level (expressed in units of dBA). The A-weighting network approximates the frequency response of the average young ear when listening to most ordinary sounds. When people make judgments of the relative loudness or annoyance of a sound, their judgments correlate well with the A-weighted noise scale. Other weighting networks have been devised to address high noise levels or other special problems (e.g., B-, C-, and D-scales), but these scales are rarely used in conjunction with environmental noise. In addition, the intensity of environmental noise fluctuates over time, and several descriptors of time-averaged noise levels are typically used. Common noise descriptors used in this analysis are summarized in Table 1.

TABLE 1. COMMON ACOUSTICAL DESCRIPTORS

Descriptor	Definition
Energy Equivalent Noise Level (Leq)	The mean (average) energy noise level. The instantaneous noise levels during a specific period of time in dBA are converted to relative energy values. From the sum of the relative energy values, an average energy value (in dBA) is calculated.
Minimum Noise Level (Lmin)	The minimum instantaneous noise level during a specific period of time.
Maximum Noise Level (Lmax)	The maximum instantaneous noise level during a specific period of time.
Day-Night Average Noise Level (DNL or Ldn)	The DNL was first recommended by the United States Environmental Protection Agency (U.S. EPA) in 1974 as a "simple, uniform and appropriate way" of measuring long-term environmental noise. DNL takes into account both the frequency of occurrence and duration of all noise events during a 24-hour period with a 10 dBA "penalty" for noise events that occur between the more noise-sensitive hours of 10:00 p.m. and 7:00 a.m. In other words, 10 dBA is "added" to noise events that occur in the nighttime hours to account for increased sensitivity to noise during these hours.
Community Noise Equivalent Level (CNEL)	The CNEL is similar to the Ldn described above, but with an additional 5 dBA "penalty" added to noise events that occur between the hours of 7:00 p.m. to 10:00 p.m. The calculated CNEL is typically approximately 0.5 dBA higher than the calculated Ldn.
Sound Exposure Level (SEL)	The level of sound accumulated over a given time interval or event. Technically, the sound exposure level is the level of the time-integrated mean square A-weighted sound for a stated time interval or event, with a reference time of one second.

REGULATORY FRAMEWORK

CITY OF BUELLTON GENERAL PLAN NOISE ELEMENT

The City of Buellton's General Plan establishes noise standards for the purpose of protecting noise-sensitive uses from excessive noise either through noise-reducing project design features or by allowing noise sensitive land uses to only locate in areas with ambient noise levels below specific thresholds. The City's noise standards for land use compatibility are depicted in Figure 3. These noise standards apply to newly proposed land uses.

In addition, the City of Buellton's General Plan also establishes standards for the evaluation of increases in noise levels associated with proposed development projects. The City's noise standards for increases in noise levels associated with proposed development projects are summarized in Table 2.

TABLE 2. CITY OF BUELLTON NOISE STANDARDS FOR CHANGES IN NOISE EXPOSURE

Existing Ambient Noise Level Without Development Project (dBA L_{dn})	Normally Unacceptable Change with Development Project (dBA L_{dn})
< 60	5.0, or more
60 - 65	3.0, or more
65	1.5, or more
Source: City of Buellton 2007	

CITY OF BUELLTON MUNICIPAL CODE

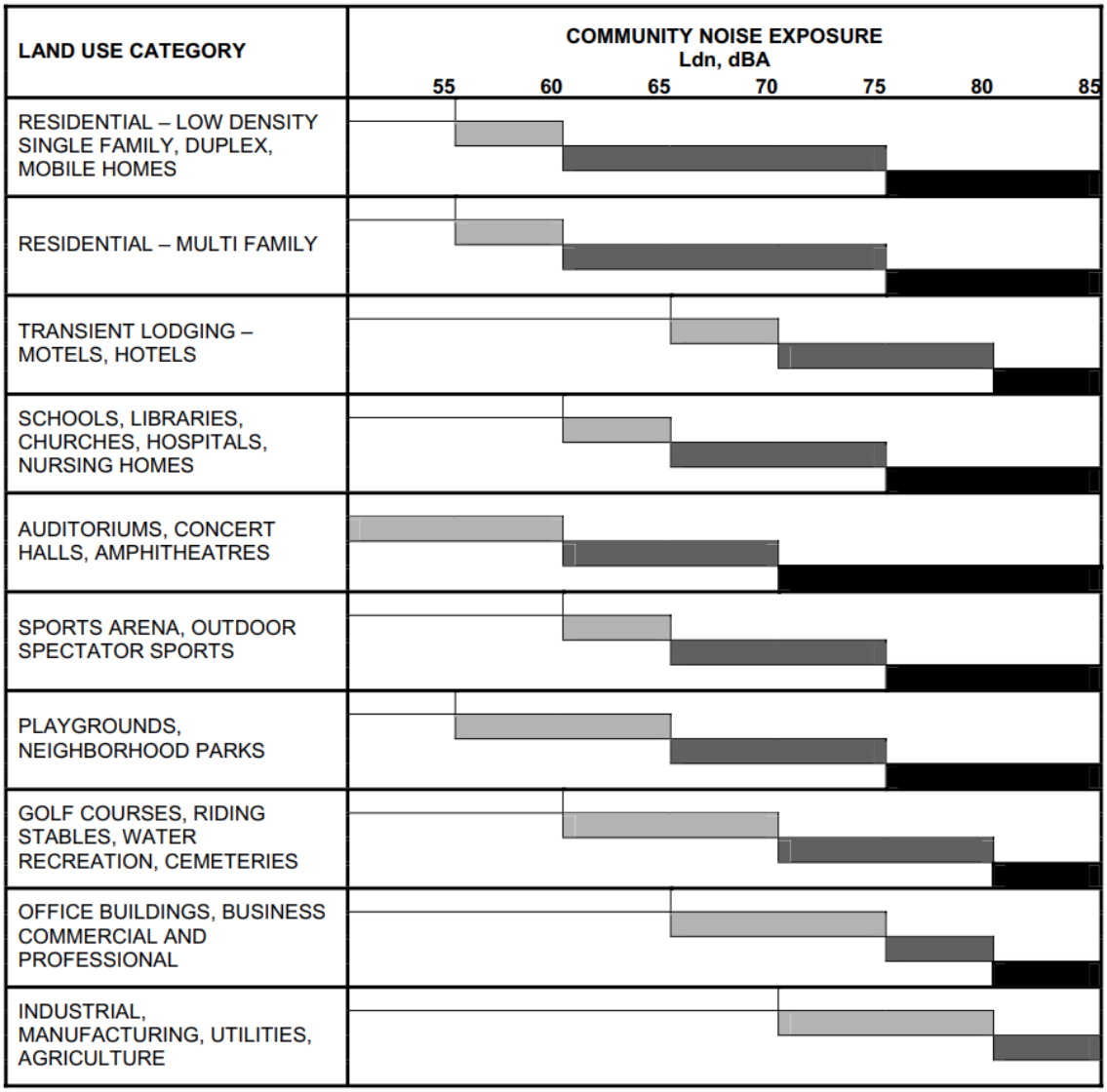
The City of Buellton's Municipal Code (Title 8, Section 04.030, Public Nuisances Designated) establishes noise standards for non-transportation noise sources. These noise standards are based on average-hourly noise levels and applied based on the land use designation of the receiving land use. The code includes additional adjustments to account for variations in the noise characteristics of the source and ambient noise conditions. The City's noise standards for non-transportation noise sources are summarized in Table 3. In addition, the use of amplified sound systems, musical instruments, and other production and reproduction devices are typically limited to between the hours of 8:00 a.m. and 10:00 p.m. when audible in exterior areas at a distance of 50 feet.

TABLE 3. CITY OF BUELLTON NOISE STANDARDS FOR NON-TRANSPORTATION NOISE SOURCES

Property Receiving Noise	Time of Day	Noise Level (dBA L_{eq})
Zones – RS, RM, MHP, PRD, OS, REC, PQP	7:00 a.m. to 10:00 p.m.	65
	10:00 p.m. to 7:00 a.m.	45
Zones – CR, CS, M	7:00 a.m. to 10:00 p.m.	75
	10:00 p.m. to 7:00 a.m.	45
Source: City of Buellton 2023		

The City's Municipal Code (Title 8, Section 04.030, Public Nuisances Designated) also establishes noise standards and hourly limitations for noise-generating construction activities. Accordingly, Noise-generating construction activities are generally limited to between the hours of 7:00 a.m. and 6:00 p.m., Monday through Friday. work shall be performed on Saturday without the written approval of the city of Buellton. Activities on Saturdays are limited to between the hours of 9:00 a.m. and 5:00 p.m., with City approval. Noise-generating construction activities are typically prohibited Sundays and holidays. In addition, construction activities shall not exceed an hourly-average noise level of 75 dBA L_{eq} at nearby properties zoned for open space, recreation, or residential purposes.

FIGURE 3. CITY OF BUELLTON NOISE STANDARDS FOR LAND USE COMPATIBILITY



CLEARLY ACCEPTABLE – Specified land use is satisfactory, based on the assumption that any buildings involved are of normal conventional construction, without any special noise insulation requirements

NORMALLY ACCEPTABLE – New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems of air conditioning will normally suffice.

NORMALLY UNACCEPTABLE – New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.

CLEARLY UNACCEPTABLE – New construction or development should generally not be undertaken.

Source: City of Buellton 2007

AMBIENT NOISE ENVIRONMENT

NOISE-SENSITIVE RECEPTORS

Noise-sensitive land uses are generally considered to include those uses where noise exposure could result in health-related risks to individuals, as well as places where quiet is an essential element of their intended purpose. Residential dwellings are of primary concern because of the potential for increased and prolonged exposure of individuals to both interior and exterior noise levels. Additional land uses such as parks, historic sites, cemeteries, and recreation areas are also considered sensitive to increases in exterior noise levels. Schools, churches, hotels, libraries, and other places where low interior noise levels are essential are also considered noise-sensitive land uses. Noise-sensitive receptors in the project area consist predominantly of residential dwellings generally located north and east of the project site, River View Park is located adjacent to and west of the project site (refer to Figure 1).

AMBIENT NOISE LEVELS

To document existing ambient noise levels at the project site, short-term ambient noise measurements were conducted on April 20, 2023. Noise measurements were conducted using a SoftdB Piccolo Type II sound-level meter positioned at a height of approximately 5 feet above ground level. Noise measurement equipment was calibrated prior to and upon completion of the noise measurement survey. Measured ambient noise levels are summarized in Table 4. Based on the ambient noise measurements conducted, the noise environment in the proposed project area is defined primarily by vehicular traffic on area roadways. To a lesser extent, activities at nearby park and residential land uses (e.g., landscape maintenance) also contributes to ambient noise levels in the project area.

TABLE 4. SUMMARY OF SHORT-TERM MEASURED AMBIENT EXTERIOR NOISE LEVELS

Location	Monitoring Period	Noise Levels (dBA L_{eq})
West of the project site at River View Park parking lot, approximately 150 feet south of Valley Dairy Road.	9:00 a.m. – 9:10 a.m.	42.5
Near the northern boundary of the project site at Dairyland Road	9:20 a.m. – 9:30 a.m.	44.6
Near the western boundary of the project site approximately 300 feet south of Valley Dairy Road	1:10 p.m. – 1:20 p.m.	41.2
Ambient noise measurements were conducted using a SoftdB Piccolo Type II integrating sound-level meter placed at a height of approximately 5 feet above ground level. Equipment was calibrated prior to and upon completion of the noise measurements.		

GROUNDBORNE VIBRATION

Vibration is like noise in that it involves a source, a transmission path, and a receiver. While vibration is related to noise, it differs in that noise is generally considered to be pressure waves transmitted through air, whereas vibration usually consists of the excitation of a structure or surface. As with noise, vibration consists of amplitude and frequency. A person's perception of the vibration will depend on their individual sensitivity to vibration, as well as the amplitude and frequency of the source and the response of the system which is vibrating. Vibration can be measured in terms of acceleration, velocity, or displacement. Measurements in terms of velocity are expressed as peak particle velocity (ppv) with units of inches per second (in/sec).

There are no federal, state, or local regulatory standards for groundborne vibration. However, the California Department of Transportation (Caltrans) has developed vibration criteria based on potential structural damage risks and human annoyance. Caltrans-recommended criteria for the evaluation of groundborne vibration levels, with regard to structural damage and human annoyance, are summarized in Table 5. The criteria apply to continuous vibration sources, which include vehicle traffic and most construction activities. All damage criteria for buildings are in terms of ground motion at the buildings' foundations. No allowance is included for the amplifying effects of structural components (Caltrans 2020).

As indicated in Table 5, the threshold at which there is a risk to normal structures from continuous events is 0.3 in/sec ppv for older residential structures and 0.5 in/sec ppv for newer building construction. With regard to human perception, vibration levels would begin to become distinctly perceptible at levels of 0.04 in/sec ppv for continuous events. Continuous vibration levels begin to become unpleasant for people at levels of approximately 0.4 in/sec ppv (Caltrans 2020).

TABLE 5. SUMMARY OF GROUNDBORNE VIBRATION LEVELS AND POTENTIAL EFFECTS

Vibration Level (in/sec ppv)	Human Reaction	Effect on Buildings
0.006 - 0.019	Threshold of perception; possibility of intrusion.	Vibrations unlikely to cause damage of any type.
0.08	Vibrations readily perceptible.	Recommended upper level of the vibration to which ruins and ancient monuments should be subjected.
0.1	Level at which continuous vibrations begin to annoy people.	Virtually no risk of "architectural" damage to normal buildings.
0.2	Vibrations annoying to people in buildings (this agrees with the levels established for people standing on bridges and subjected to relatively short periods of vibrations).	Threshold at which there is a risk of "architectural" damage to fragile buildings.
0.3 - 0.6	Vibrations become unpleasant at 0.4-0.6 in/sec ppv by people when subjected to continuous vibrations.	Potential risk of "architectural" damage may occur at levels above 0.3 in/sec ppv for older residential structures and above 0.5 in/sec ppv for newer structures.

in/sec = Inch per second; ppv = Peak particle velocity.

The vibration levels are based on ppv in the vertical direction for continuous vibration sources, which includes most construction activities.

Source: Caltrans 2020

IMPACT ANALYSIS

THRESHOLDS OF SIGNIFICANCE

Criteria for determining the significance of air quality impacts were developed based on information contained in the California Environmental Quality Act (CEQA) Guidelines (Appendix G). According to those guidelines, a project may have a significant effect on the environment if it would result in the following conditions:

a) Generation of a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies; or

b) Generation of excessive groundborne vibration or groundborne noise levels; or

c) Located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or private-use airport, that exposes people residing or working in the project area to excessive noise levels.

The CEQA Guidelines do not define the levels at which temporary and permanent increases in ambient noise are considered "substantial." As discussed previously in this section, a noise level increase of 3 dBA is barely perceptible to most people, an increase of 5 dBA is readily noticeable, and a difference of 10 dBA would be perceived as a doubling of loudness. In accordance with the City of Buellton General Plan noise standards, a significant increase in ambient noise levels would be defined as an increase of 5 dBA or greater for an ambient noise level of less than 60 dB; a 3 dB, or greater, increase in an ambient noise level of 60-65 dB; or a 1.5 dB greater, increase in an ambient noise level above 65 dB (Refer to Table 2). In order for a receptor to have a significant impact there would need to be a substantial increase that would also exceed the City's applicable noise standards. The City's applicable noise standards are summarized in Table 3.

The CEQA Guidelines also do not define the levels at which groundborne vibration levels would be considered excessive. For this reason, Caltrans recommended groundborne vibration thresholds were used

for the evaluation of impacts based on increased potential for structural damage and human annoyance, as identified in Table 5. For purposes of this analysis, risks of architectural damage (i.e., minor cracking of plaster walls and ceilings) and significant increases in human annoyance would be considered potentially significant if ground vibration levels at nearby structures would exceed 0.5 in/sec ppv.

METHODOLOGY

Construction Impacts

Short-term noise impacts associated with construction activities were analyzed based on typical construction equipment noise levels and distances to the nearest noise-sensitive land usage. Noise levels were predicted based on representative off-road equipment noise levels derived from the Federal Highway Administration's (FHWA) Roadway Construction Noise Model based on average equipment usage rates and assuming a noise-attenuation rate of 6 dB per doubling of distance from the source.

Operational Impacts

Noise levels generated by other on-site noise sources, including paly areas, sports fields, and event center activities were assessed based on representative noise levels obtained from similar sources. Noise levels associated with vehicle parking areas were calculated in accordance with FTA's Transit Noise and Vibration Impact Assessment Guidelines (2018) assuming a reference noise level of 92 dBA SEL. Average-hourly noise levels associated with vehicle parking-related activities were calculated based on the conservative assumption that all parking spaces would be accessed over a one-hour period. Increases in traffic noise levels were qualitatively assessed based, in part, on data derived from the traffic analysis prepared for this project and the City of Buellton General Plan Noise Element (ATE 2023, City of Buellton 2005).

PROJECT IMPACTS AND MITIGATION MEASURES

Impact Noise-A. Would the project result in a substantial temporary or permanent increase in ambient noise levels in the project vicinity in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction-Related Noise Levels

Construction noise typically occurs intermittently and varies depending upon the nature or phase (e.g., land clearing, grading, excavation, and erection) of the activity. Noise generated by construction equipment, including earthmovers, material handlers, and portable generators, can reach high levels. Noise levels commonly associated with off-road equipment anticipated to be used during project construction are summarized in Table 6.

TABLE 6. TYPICAL CONSTRUCTION EQUIPMENT NOISE LEVELS

Equipment	Typical Noise Level (dBA) at 50 Feet from Source	
	L_{max}	L_{eq}
Air Compressor	78	74
Backhoe	78	74
Concrete Mixer	79	75
Crane, Mobile	81	73
Dozer	82	78
Grader	85	81
Loader	79	71
Paver	77	74
Roller	80	73
Saw	90	83

dBA = A-weighted decibels; L_{max} = Maximum sound level; L_{eq} = Equivalent sound level

Source: FHWA 2008

As noted in Table 6, instantaneous noise levels generated by individual pieces of off-road equipment typically range from approximately 77 to 90 dBA L_{max} at 50 feet. Typical operating cycles may involve 2 minutes of full power, followed by 3 or 4 minutes at lower settings. Based on typical off-road equipment usage rates, average-hourly noise levels for individual equipment would be approximately 83 dBA L_{eq}, or less, at 50 feet. Assuming that multiple pieces of equipment could be operating simultaneously, predicted average-hourly noise levels could reach levels of approximately 85 dBA L_{eq} at 50 feet.

The nearest noise-sensitive receivers to the project site include existing residences generally located to the north and east of the project site. Assuming an average-hourly construction noise level of 85 dBA L_{eq} at 50 feet and that construction activities were to occur at the nearest property boundary, predicted noise levels could potentially exceed the City's noise standard of 75 dBA L_{eq} at nearby residential land uses. With regard to residential land uses, activities occurring during the more noise-sensitive nighttime hours are of particular concern given the potential for sleep disruption and increased levels of annoyance for building occupants. For these reasons, this impact would be considered **potentially significant**.

Mitigation Measures

Noise-1: The following measures shall be implemented to reduce construction-generated noise levels:

a) Construction activity shall be limited to the hours between 7:00 a.m. and 6:00 p.m. on weekdays, and between 9:00 a.m. and 5:00 p.m. on Saturdays (with City approval). Noise-generating construction activities shall be prohibited on Sundays and state or federal holidays. Construction equipment maintenance shall be limited to the same hours.
b) Control noise at all construction sites through the provision of mufflers and the physical separation of machinery maintenance and equipment staging areas from adjacent residential land uses.
c) Construction activities shall comply with the City of Buellton's noise-control ordinance requirements, including obtaining a permit if deemed necessary.

Significance After Mitigation

Implementation of the above mitigation measures would limit construction activities to less noise-sensitive periods of the day. The use of mufflers would reduce construction equipment noise levels by approximately 10 dBA. With the implementation of the above mitigation measures and given that construction activities would be short-term and intermittent, this impact would be considered **less than significant**.

Operational Noise Levels

Long-term, permanent increases in ambient noise levels would be primarily associated with potential increases in vehicle traffic on nearby roadways, as well as on-site activities. Noise levels commonly associated with these sources and potential impacts to nearby land uses are discussed as follows:

Vehicular Roadway Traffic

Typically, several thousand vehicles per day would be required before traffic noise levels along roadways would begin to exceed applicable noise standards at nearby noise-sensitive land uses. In addition, a double of vehicle traffic is typically required before a noticeable increase (i.e., 3 dB, or greater) in traffic noise levels would occur. Implementation of the proposed project would not result in a doubling of vehicle traffic along nearby major roadways. As a result, implementation of the proposed project would not result in a significant increase in traffic noise levels that would exceed applicable noise standards at nearby land uses. Other nearby local roadways in the project vicinity do not have sufficient volumes. This impact would be considered **less than significant**.

Compatibility of Proposed Land Uses with Predicted Future Traffic Noise Levels

As previously discussed, ambient noise levels at the project site are primarily influenced by vehicle traffic on area roadways. The nearest major roadway in the project vicinity is State Highway 246. The project site is not located within the predicted noise contours of major roadways (City of Buellton 2008). In addition, based on the ambient noise measurement surveys conducted, ambient noise levels in the project area would not

exceed the City's "normally acceptable" noise standards for land use compatibility of 65 dBA CNEL/L_{dn} (refer to Figure 1). This impact would be considered **less than significant**.

Non-Transportation Noise Sources

Non-transportation noise sources associated with the proposed project having the greqtest potential to adversely impact nearby residential land uses would be primarily associated with sports fields, special events, play areas, and vehicle parking lots. Predicted noise levels at the nearest residential land uses associated with these noise sources are summarized in Table 7. As depicted, predicted noise levels associated with these major onsite noise sources would not exceed the City's daytime noise standard of 65 dBA L_{eq} at the property line of the nearest residential land uses. It is important to note that River View Park operational hours are typically limited to between the daytime hours of 8:00 a.m. and 9:00 p.m. However, in the event that special events were to extend beyond normal operational hours, predicted noise levels at nearby residential land uses could potentially exceed the City's nighttime noise standard of 45 dBA L_{eq}. To be conservative, this impact would be considered **potentially significant**.

TABLE 7. PREDICTED NON-TRANSPORTATION NOISE LEVELS AT NEAREST RESIDENTIAL LAND USE

Source	Distance (Feet)[1]	Noise Level (dBA L_{eq}) Without Mitigation[2]	Exceeds Noise Standard?	
			Daytime[3] (65 dBA L_{eq})	Nighttime[4] (45 dBA L_{eq})
Sports Fields (e.g., Competitive Event with Spectators)	400	42	No	No
Special Events (e.g., Weddings with Amplified Sound System)	190	**58**	No	Yes
Outdoor Park/Childrens Play Area	65	39	No	No
Parking Lot (112 Spaces)	325	27	No	No

1. *Based on distance from source center to the nearest residential property line.*
2. *Predicted noise levels were calculated based on noise measurement surveys at similar land uses. Parking lot noise levels were calculated assuming a maximum of 112 parking spaces at one location with all spaces accessed over a one-hour period. Parking noise levels were calculated using the FTA Noise Impact Assessment Spreadsheet (2018). Predicted noise levels exceeding applicable noise standard depicted in bold.*
3. *Daytime is between the hours of 7:00 a.m. and 10:00 p.m.*
4. *Nighttime is between the hours of 10:00 p.m. and 7:00 a.m.*

Mitigation Measures

Noise-2: Special events shall be prohibited between the hours of 10:00 p.m. and 7:00 a.m.

Significant after Mitigation

Mitigation Measure Noise-2 would prohibit special events during the nighttime hours. With mitigation, this impact would be considered **less than significant**.

Impact Noise-B. Would the project result in the exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

Increases in groundborne vibration levels attributable to the proposed project would be primarily associated with short-term construction activities. Groundborne vibration levels associated with representative construction equipment likely to be required during project construction are summarized in Table 8. As depicted, construction-generated vibration levels would range from approximately 0.003 to 0.21 in/sec ppv at 25 feet. The highest vibration levels would be associated with the use of vibratory rollers.

TABLE 8. REPRESENTATIVE VIBRATION LEVELS FOR CONSTRUCTION EQUIPMENT

Equipment	Vibration Level at 25 Feet (in/sec, ppv)
Vibratory Roller	0.21
Large Bulldozer	0.089
Loaded Trucks	0.076
Small Bulldozers/Tractors	0.003
in/sec = Inch per second; ppv = Peak particle velocity *Source: FTA 2018*	

Implementation of the proposed project would not involve the demolition of existing structures. Offroad equipment used in the general vicinity of existing onsite and offsite structures, such as development of the children's play area, would consist of smaller tractors and equipment. The use of larger heavy-duty equipment and vibratory rollers would not be largely associated with construction activities occurring in the southern portion of the project site associated with construction of the sports fields, as well as, parking areas. The use of larger off-road equipment and vibratory rollers would not be anticipated to occur within 25 feet of existing structures As a result, predicted construction vibration levels at existing structures would not exceed the minimum recommended criteria for structural damage or human annoyance (0.5 and 0.4 in/sec ppv, respectively). This impact would be considered **less than significant**.

Impact Noise-C. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? and for a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

The project site is not located within 2 miles of a public airport or private airstrip or within an airport land use planning area. The nearest airport is the Santa Ynez Airport, which is located approximately 7 miles east of the project site. The proposed project would not result in exposure of individuals to aircraft noise levels that would exceed applicable noise standards. As a result, this impact would be considered **less than significant.**

REFERENCES

Associated Transportation Engineers (ATE). 2023. Trip Generation for the Willemsen Addition to River View Park – City of Buellton.

California Department of Transportation (Caltrans). 2020. *Transportation and Construction-Induced Vibration Guidance Manual*.

California Department of Transportation (Caltrans). 2018. *EIR/EA Annotated Outline*.

City of Buellton. 2005. City of Buellton General Plan *Noise Element.* Available at website url: https://www.cityofbuellton.com/files/Land%20Use%20Documents/Buellton%20General%20Plan%202025%20Final.with%202008%20Land%20Use%20Element%20and%202015%20Housing%20Element-4338B.pdf.

City of Buellton. Accessed April 6, 2023. *Buellton Municipal Code.* Available at website url: https://library.qcode.us/lib/buellton_ca/pub/municipal_code.

Federal Highway Administration (FHWA). December 8, 2008. Roadway Construction Noise Model, version 1.1.

Federal Interagency Committee on Noise (FICON). October 22, 2000. Discussion of Methodologies of Measuring Noise Impact.

Federal Transit Administration (FTA). 2018. *Transit Noise and Vibration Impact Assessment Manual*.

U.S. Department of Transportation, Federal Transit Administration (FTA). 2018. *Transit Noise and Vibration Impact Assessment.*

U.S. Environmental Protection Agency (U.S. EPA). 1971. *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances*.

U.S. Environmental Protection Agency (U.S. EPA). 1974. *Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety*.

APPENDIX A

NOISE PREDICTION MODELING

STATIONARY SOURCE NOISE LEVELS

SOURCE	DISTANCE (FEET)	REFERENCE NOISE LEVEL (dBA Leq)	REFERENCE DISTANCE (FEET)	NOISE LEVEL (dBA Leq) WITHOUT MITIGATION	NOISE LEVEL (dBA Leq) WITH LINE-OF-SIGHT BREAK (FENCING)	EXCEED DAYTIME NOISE STANDARD WITHOUT MITIGATION (65 dBA Leq)	EXCEED NIGHTTIME NOISE STANDARD (45 dBA Leq)
SPORTS FIELD-COMPETITIVE SOCCER EVENT W/SPECTATORS & WHISTLES	400	60	50	42	37	NO	NO
WEDDING/EVENT FACILITY - WITH AMPLIFIED SOUND SYSTEM	190	70	50	**58**	53	NO	YES
OUTDOOR PARK-CHILDRENS PLAY AREA	65	55	10	39	34	NO	NO
PARKING LOT-112 SPACES ACCESSED IN 1-HOUR PERIOD	325	(FTA 2018)		27	22	NO	NO

Based on noise measurement surveys at similar land uses. Parking lot noise levels were calculated assuming a maximum of 112 parking spaces at one location with all spaces accessed over a one-hour period. Parking noise levels were calculated using the FTA Noise Impact Assessment Spreadsheet (2018).
**Federal Transit Administration. 2018. Noise Impact Assessment Spreadsheet.*

DISTANCES TO NEARBY RESIDENTIAL LAND USES

SPORTS FIELD



WEDDING/EVENT CENTER



OUTDOOR CHILDRENS PLAY AREA



PARKING LOT



Appendix E

Trip Generation Report, March 2023

ASSOCIATED TRANSPORTATION ENGINEERS

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March 10, 2023 22101L01

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TRIP GENERATION FOR THE WILLEMSEN ADDITION TO RIVER VIEW PARK - CITY OF BUELLTON

The following is the projection of the AADT for use in the Air and Noise analysis for the IS-MND for the proposed Willemsen Addition to River View Park.

PROJECT DESCRIPTION

The Project consists of a Final Development Plan (22-FDP-XX) to construct a multi-purpose recreational and event facility on a 24+/- acre site (APNs 099-660-032, -033, -034, -035, & 099-670-005). The site is divided into a 4-acre upper portion and a 20-acre lower portion. Figure 1 illustrates the Project site plan.

The upper portion (about 4 acres) contains an existing residence (3,200 square feet), an existing dairy barn (designated as a historic structure by the City of Buellton), and an existing 1,600 square foot open storage shed. The lower portion (about 20 acres) is vacant (except for the 1.25-acre horseback riding facility already operating). Was formerly used for hay farming (at least 8-10 years ago). The elements and activity locations are shown on Figure 2.

Proposed uses for the upper portion consist of:

- Library (approximately 2,430 square feet) and Community rooms (1,565 square feet) in converted existing residence - Given library facilities in Solvang, Goleta, Lompoc, and Los Alamos, library patrons are expected to primarily be residents of Buellton and nearby rural residents;

- Wedding/Event facility in Barn (about 7,000 square feet) includes warming kitchen and 2nd floor apartment space (up to 150 persons per event). These events are expected to occur about 1 per month;

- Outdoor active play area "Children's Museum" - about 30,00 square feet of area, including 1,600 square feet of covered space (current open storage shed). Restroom facilities and play equipment to be installed. This use is intended to serve the general Santa Ynez Valley population,

Proposed uses for the lower portion consist of:

- 1.25-acre horseback riding center (horse corrals and small office structure w/ storage. Approximately 24 trips per day maximum anticipated;

- Paved parking lot (about 1.5 acres) with about 112 parking spaces to serve upper and lower portion uses. Future restroom facility. Parking area to be reached by new access road across (non-jurisdictional) drainage channel from River View Park east parking lot;

- Possible 10,000 square feet expansion of Children's Museum play area

- Sport facilities/play fields (about 15 acres) with parking and restroom facilities: 2 full sized soccer fields, of which 1 will not be available for open play, but only used for infrequent club events, 1 mid-sized field, and 1 small sized soccer field, baseball/softball field, 2 pickleball/multi-use courts, some supplemental parking (40 spaces) and restroom facility - non-club fields and courts will primarily serve local valley recreational needs. Soccer fields could accommodate small tournaments (4 per year max anticipated). Approximately 2,150 trips generated per tournament over the course of an 8 to 10-hour day. Tournaments held in this location are expected to relocate here from other less desirable sites in the Santa Ynez Valley that are currently used for soccer tournaments;

- Assume about 2.5 acres to remain undeveloped (berm along south boundary of property/well area).

PROJECT TRIP GENERATION

The Willemsen Addition is an expansion of River View Park and is intended primarily for use by Buellton area residents. The traffic will generally be local in nature and not intended to be a regional destination and draw for the general public from other areas. Much of the activity and usage will be on weekends, with the possibility that some soccer related activities would occur on weekday afternoons. The Air and Noise analysis uses Daily Traffic volume as the parameter. The AM and PM peak hour traffic will be minimal and will not affect the roadway or intersection operations in the Buellton area.

The library and meeting room in the converted single-family residence will be a relocation of the existing library located in the Post Office complex, thus no increase in local traffic volumes.

Daily trips for each of the activities are based on the probable numbers expected to attend. The expected attendance related trips for the event totals have been expressed as if a portion occurred on each day for the Air and Noise evaluation. A summary of the trips is shown in Table 1.

Table 1
Project Trip Generation

Activity/Use	Attendance/Size	ADT	
		Rate	Trips
Library	N/A	N/A	N/A
Large events	150	1/2.5	40
Outdoor Activity	40	0.5	20
Horseback	12	2	24
Children Museum	40	0.5	20
Soccer	150	1/2.5	60
Children Museum Addition	20	0.5	10
		Total Trips:	174

The data presented in Table 1 indicates that the Willemsen Addition Project is forecast to generate a daily equivalent of 174 average daily trips.

SITE ACCESS AND CIRCULATION

Vehicular access to the upper portion is proposed via a connection to Valley Dairy Drive. Vehicular access to the lower portion is proposed through River View Park via Sycamore Drive.

VEHICLE MILES TRAVELED ANALYSIS

The Willemsen Addition is considered a “Small Project” under the City of Buellton CEQA guidelines, thus the VMT impact would be considered less than significant.

SUMMARY

The Willemsen Addition to River View Park Project is forecast to generate a daily equivalent ADT of 174 trips. Recent State law has adopted Vehicle Miles Traveled (VMT) as the new CEQA metric to determine transportation impacts. The Project is considered a "Small Project" and therefore would have a less than significant VMT impact based on the City of Buellton CEQA guidelines.

Associated Transportation Engineers

By: Richard L. Pool, P.E.
Principal Engineer

attachments: Figure 1 - Project Site Plan
Figure 2 - Proposed Uses for the Upper Portion



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NOT TO SCALE

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OVERALL SITE PLAN

FIGURE 1

JH - ATE#22101



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PROPOSED USES FOR UPPER PORTION

FIGURE 2

JH - ATE#22101

Appendix F

Biological Resources – Special Status Species Summary Table

Special-status Biological Resources Summary

Common Name	Scientific Name	Fed	CA	CRPR	Ecological Information	Evaluation of Occurrence/ Site Suitability / Distribution
PLANTS/LICHENS/BRYOPHYTES						
Hoover's bent grass	*Agrostis hooveri*	—	—	1B.2	Stoloniferous perennial herb; chaparral, cismontane woodland, and valley and foothill grassland habitats in sandy soils; 60-600 meters in elevation; blooms April to July.	**Not expected.** Although sandy are present, the history of disturbance in grassland areas onsite would preclude this perennial species and the site is outside of the local distribution of the species. Occurs locally north of Lompoc and near Casmalia. Only one record within 5 mi and it has a vague locality and was not able to be verified.
Miles' milk-vetch	*Astragalus didymocarpus* var. *milesianus*	—	—	1B.2	Annual herb; coastal scrub habitats with clay soils; 20-90 meters in elevation; blooms March to June.	**Not expected.** No clay soils are present and there are no reliable records in the vicinity. Only one record within 5 mi and it is from 1935, has a vague locality and was not able to be verified. The only recent record in Calflora from western SB Co. is from north of Lompoc.
Santa Ynez groundstar	*Ancistrocarphus keilii*	—	—	1B.1	Annual herb; chaparral and cismontane woodland on sandy soils; 40-130 meters in elevation; blooms March to April.	**Not expected.** No suitable habitat is present and the only record in the vicinity is from 1929 and has not been verified.
Southern curly-leaved monardella	*Monardella sinuata* ssp. *sinuata*	—	—	1B.2	Annual herb; chaparral, cismontane woodland, coastal dunes, and openings in coastal scrub on sandy soils; elevations below 300 meters; blooms May to September.	**Unlikely.** Only a limited amount of coastal scrub habitat is along the river channel. Occurs in the Orcutt-Vandenberg Village area and there are a few records in the Santa Ynez Mtns. and Purisima Hills.

**E = Endangered; T = Threatened; R = Rare; '—' = no status; CRPR: Rank 1A - Presumed extirpated in California and either rare or extinct elsewhere; Rank 1B – Rare, threatened or endangered in California and elsewhere; Rank 2A – Presumed extirpated in California, but more common elsewhere; Rank 2B – Rare, threatened, or endangered in California, but more common elsewhere; Rank 3 - Plants needing more information, a review list; Rank 4 – Limited distribution, a watch list. Sources: California Natural Diversity Database (California Department of Fish and Wildlife 2023a); Special Vascular Plants, Bryophytes, and Lichens List (California Department of Fish and Wildlife 2023c); Inventory of Rare and Endangered Plants of California (California Native Plant Society 2023); Information on Wild California Plants for Conservation, Education, and Appreciation (Calflora 2023); Jepson eFlora (Jepson Flora Project 2023).*

Common Name	Scientific Name	Fed	CA	CDFW	Ecological Information	Evaluation of Occurrence/ Site Suitability / Local Records
ANIMALS						
FISH						
Southern California DPS steelhead	*Oncorhynchus mykiss irideus* pop. 10	E	CE	—	Adults spawn in freshwater streams with clear, well-oxygenated, cool water and clean gravel substrate. Also require instream cover (branches, logs) and streamside vegetation. Juveniles rear in freshwater reaches or lagoons before going to the ocean to mature, and then return to freshwater to reproduce.	**Not expected.** Occurs in the Santa Ynez River offsite. No suitable habitat on the property.
AMPHIBIANS/REPTILES						
Blainville's (=coast) horned lizard	*Phrynosoma blainvillii*	—	—	SSC	Grasslands, sandy washes, coastal scrub, chaparral, coniferous forest and woodlands with patches of open areas for sunning and bushes for cover. Often with loose sandy soils for burial, but also uses small mammal burrows. Preys on native species of ants and other small invertebrates.	**Unlikely.** Could occur at edge of riparian scrub since large expanses of suitable habitat are present along the Santa Ynez River channel. Museum records are from middle reaches of the river upstream from the site but none are from within 5 miles.
California red-legged frog	*Rana draytonii*	T	—	SSC	Forages and breeds in streams with deep slow-moving pools, stock ponds, reservoirs, springs, lagoons, and marshes; usually with emergent or riparian vegetation but also found at sites lacking vegetation. Uses riparian and various upland habitats in winter and for dispersal.	**Potential.** No suitable aquatic habitat is present onsite, but could occur in close proximity to the site such as in the pools within the Santa Ynez River year round and in the router iparian zone during winter rain season. Although unlikely, may move through upland habitat onsite temporarily during winter. Documented in Nojoqui Creek, Zaca Creek and a pond next to the Santa Ynez River just over the maximum known dispersal range of the species from the site.

Common Name	Scientific Name	Fed	CA	CDFW	Ecological Information	Evaluation of Occurrence/ Site Suitability / Local Records
California tiger salamander - Santa Barbara County DPS	*Ambystoma californiense* pop. 2	E	T	WL	Grassland, low foothill oak savanna and edges of mixed woodland. Breeds in rain pools, vernal pools and temporary ponds. During dry season is fossorial and uses rodent burrows in upland habitat.	**Not expected.** No suitable aquatic breeding habitat is present onsite, and species does not occur in river habitat. There are no suitable breeding ponds offsite within the dispersal distance of the species. Nearest population is 4.4 mi to the west.
Northern California legless lizard	*Anniella pulchra*	—	—	SSC	Beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, oak woodland, and stream terraces with riparian vegetation. Fossorial species requires moist, loose soils or leaf litter with plant cover or surface objects (rocks, boards, logs, etc.). Can occur in residential areas.	**Potential.** Could occur in Coastal Scrub and Riparian habitats along the river corridor. Has been recorded in the Purisima Hills near Buellton and suitable sandy loam soils are present. Not expected to be in the proposed development footprint given many years of farming and soil disturbance.
Southwestern (=western) pond turtle	*Actinemys pallida* (=*Emys marmorata*)	—	—	SSC	Ponds, lakes, rivers, streams, marshes, brackish lagoons, and irrigation ditches with a mosaic of vegetation and open areas for basking. Uses upland areas for nesting and in winter, including woodland, forest, grassland, chaparral, and grasslands.	**Potential.** Known to occur in the Santa Ynez River adjacent to the site. No suitable aquatic habitat is onsite, but could move through upland habitat during the winter and along outer edges of riparian zone for nesting. Would be unlikely to use the disturbed farm field where development is proposed for nesting.
Two-striped gartersnake	*Thamnophis hammondii*	—	—	SSC	Pools, creeks, and stock ponds in oak woodland, chaparral, scrub, and coniferous forest. Primarily aquatic, feeding on tadpoles, newt larvae, small frogs and toads, fish, earthworms and fish eggs. Occurs in upland habitats in winter in rodent burrows. Active from January to November, depending on weather.	**Unlikely.** Highly aquatic snake could be in the Santa Ynez River, and although low likelihood, could occur in upland habitat onsite in winter. Site occurs within the species' range, and there is one record from Nojoqui Cr. Species occurs in coastal counties from the Monterey Bay to Mexico border.

Common Name	Scientific Name	Fed	CA	CDFW	Ecological Information	Evaluation of Occurrence/ Site Suitability / Local Records
Western spadefoot	*Spea hammondii*	— (under review)	—	SSC	Grassland, open woodland/savanna, coastal scrub, and chaparral habitats where it primarily occupies underground burrows that it digs in a variety of soils but often associated with sand. Breeds in vernal pools, ephemeral ponds, stock ponds and streams that dry to isolated pools which lack aquatic vertebrate predators.	**Not expected.** No topographic depressions capable of holding water are present on the site and the soils are sandy and well-drained and would not support ponding. Does not occur in the Santa Ynez River and the river habitat is unsuitable.
BIRDS						
Ferruginous hawk	*Buteo regalis*	BCC	—	WL (wintering)	Open country such as grasslands, sagebrush, saltbush shrubland, and edges of pinyon-juniper forest where they prey on small mammals. Nests on lone trees, cliffs, utility poles, and shrubs from ground-level to 65-feet high. Occurs in this area during winter.	**Potential.** Could forage onsite but does not nest in this area. Has been recorded wintering and foraging along the Santa Ynez River at Buellton in 1992. There are numerous observations in eBird from the Santa Ynez Valley.
Least Bell's vireo	*Vireo bellii pusillus*	E	E	WL	Riparian forest near permanent water or in dry river bottoms, with dense, low, shrubby vegetation where they forage on insects and spiders. Rare in this region during the breeding season and winters in southern Baja California.	**Unlikely.** No dense riparian is present onsite suitable for breeding, but is present along the river channel and individuals could periodically occur in riparian scrub along the outer margins of the site. One territorial male was recorded in the Santa Ynez River 0.3 mi southeast of the site in 2016, but there are no breeding records near Buellton. Formerly bred along the river between Lake Cachuma and Jameson Lake but last documented in 2004. May rarely occur during migration.

Common Name	Scientific Name	Fed	CA	CDFW	Ecological Information	Evaluation of Occurrence/ Site Suitability / Local Records
Prairie falcon	*Falco mexicanus*	BCC	—	WL (nesting)	Grasslands, desert shrubland, tundra, coastal scrub, feedlots, and agricultural fields where they feed on small mammals, insects and birds. Nests on high cliff ledges and steep bluffs overlooking open areas. Occurs year-round in inland areas of this region, rarely on the coast.	**Potential.** Could forage onsite but there is no suitable nesting habitat. Numerous records are in eBird from the Santa Ynez Valley, including one recent record from River View Park.
Purple martin	*Progne subis*	—	—	SSC (nesting)	Forages in developed areas, parks, fields, dunes, streams, meadows, and riparian, valley oak and coniferous woodland where they prey on insects. In this region, they nest in coniferous woodlands along the coast and in sycamore woodland using woodpecker holes. They also use artificial structures such as bird houses, bridges and utility poles. Nesting areas have low canopy cover and are slopes on hilly or mountainous terrain. Occurs in this area during the breeding season.	**Potential.** Could forage onsite and although there is a remote chance they could use Ornamental trees for nesting, their breeding sites are highly restricted and well-studied. Although historically recorded as breeding in the Santa Ynez Valley, all recent breeding records are from Quiota and Alisal creeks. Individuals could occur as transients while moving around the area, and would not be expected to nest in the disturbed agricultural field.
Southwestern willow flycatcher	*Empidonax traillii extimus*	E	E	—	Riparian habitats with dense willows and other shrubs adjacent to water. Prey on insects. Nests are in riparian shrubs. They are neotropical migrants occurring in this area in the spring and fall.	**Potential.** Dense riparian habitat suitable for breeding is along the river channel just offsite to the south, and individuals could use shrubs and scattered riparian vegetation along the margins of the property periodically. Thin band of riparian along the west and south boundaries is not sufficiently dense to support breeding. Breeding pairs have been recorded in the Santa Ynez River just downstream from Buellton until 2012 and individuals have been seen in 2019 and 2020. Small willow patch along eastern property line is adjacent to high levels of human disturbance and of marginal quality.

Common Name	Scientific Name	Fed	CA	CDFW	Ecological Information	Evaluation of Occurrence/ Site Suitability / Local Records
MAMMALS						
American badger	*Taxidea taxus*	—	—	SSC	Open grasslands, fields, scrubland edges and woodland habitats. They burrow into dry loose soils for shelter and feed on a variety of small mammals such as California ground squirrel and pocket gopher. Young are born in dens in March and April.	**Potential.** Suitable habitat is present along the margins of the site for foraging, and could move through the old farm field on their way to other sites. No suitable denning habitat or prey base observed in the proposed development area. All records within 5 miles are from the 1980s and early-1990s and there are no recent records. Could move along the river corridor and onto the site periodically.
Pallid bat	*Antrozous pallidus*	—	—	SSC	Open dry habitats including deserts, grasslands, shrublands, woodlands, and forests. Roosts in rock outcrops, caves, crevasses, mines, hollow trees, and buildings that moderate temperature. Night roosts on porches and open buildings. The entire state of CA except the highest elevations in the Sierra Nevada are within the species' year-round range.	**Potential.** Could forage over the site and could roost in the outbuildings or large trees with cavities. Has been recorded in along the Santa Ynez River near the site.
Townsend's big-eared bat	*Corynorhinus townsendii*	—	—	SSC	Desert scrub, grassland, sagebrush, chaparral, oak woodlands, riparian and coniferous forests; prefers mesic habitats and closely tied to rock cliffs with crevasses. Roosts in caves, cliffs, mines, tunnels, abandoned buildings and bridges. The year-round range of the species is considered to be all of California except high elevations in the Sierra Nevada.	**Potential.** Could forage onsite and roost in the buildings. Individuals and roost sites have been recorded nearby.

**E = Endangered; T = Threatened; C = Candidate; BCC = Birds of Conservation Concern; SSC = Species of Special Concern; FP = Fully Protected; WL = Watch List; '—' = no status; California Natural Diversity Database (California Department of Fish and Wildlife 2023a); Special Animals List (California Department of Fish and Wildlife 2023b); California Wildlife Habitat Relationships System (CDFW 2023e); A Guide to the Amphibians and Reptiles of California (California Herps 2023); eBird (The Cornell Lab of Ornithology 2023a); All About Birds (The Cornell Lab of Ornithology 2023b); Guide to North American Birds (Audubon 2023); Birds of Conservation Concern (USFWS 2023).*

DESIGNATED CRITICAL HABITAT	
California Red-legged Frog	**Absent.** Does not occur at the site or along the Santa Ynez River. The nearest designated critical habitat is on the opposite side of the crest of the Santa Ynez Mountains in the upper watershed for Gaviota Creek.
Southern California DPS Steelhead	**Absent.** The Santa Ynez Hydrologic Unit, Zaca Hydrologic Sub-area (331430) is near the property along the Santa Ynez River, and is confined to the river channel below the Ordinary High Water Mark.
Southwestern Willow Flycatcher	**Absent.** The Santa Ynez Management Unit, west Santa Ynez River, of designated critical habitat is present near the property. The site does not contain the necessary habitat elements to support breeding habitat of this species.

Source: Threatened and Endangered Species Active Critical Habitat Report (United States Fish and Wildlife Service 2022b).

SENSITIVE NATURAL COMMUNITIES	
Central Coast Live Oak Riparian Forest — State Rarity Rank 3.2	**Absent.** Band of riparian on drier, outer floodplains along perennial streams between the more mesic cottonwood or willow-dominated communities and more xeric chaparral. Dominated by coast live oak (*Quercus agrifolia*) with a relatively open understory of grasses. Other species in the understory include coyote brush (*Baccharis pilularis*), California rose (*Rosa californica*), fragrant sumac (*Rhus aromatica*), and blue elderberry (*Sambucus nigra* ssp. *caerulea*). Riparian habitat onsite is more scrub like associated with the outer limits of the Santa Ynez River and urban drainages.
Southern Coast Live Oak Riparian Forest — State Rarity Rank S4	**Absent.** Open to dense evergreen river- and streamside woodland dominated by coast live oak (*Quercus agrifolia*). Understory tends to be more herbaceous than shrubs. Geographically distinct from Central Coast Live Oak Riparian Forest as it occurs south of Point Conception. Riparian habitat onsite is more scrub like associated with the outer limits of the Santa Ynez River and urban drainages.
Southern Cottonwood-Willow Riparian Forest — State Rarity Rank S3.2	**Present.** Winter-deciduous river- and streamside forest dominated by Fremont cottonwood (*Populus fremontii*) or black cottonwood (*P. trichocarpa*) and several willow species especially in the understory. Similar to Central Coast Cottonwood-Sycamore Riparian Forest except occurs in the Transverse and Peninsular ranges from Santa Barbara County south to Baja California. A small patch of this habitat is in the southern corner of the site where there may have formerly been a detention basin, and more extensive stands occur just offsite along the river channel.

SENSITIVE NATURAL COMMUNITIES	
Southern Vernal Pool — State Rarity Rank SNR	**Absent.** Seasonally wet depressions often underlain by hardpan or claypan soils that may have a hummocky topography with mounds intervening between the depressions. They fill after winter rains and dry completely after the rains have ceased. Herbacous community is comprised of herbs and grasses adapted to seasonal innundation and growing in rings as pools dry. Occurs from southwestern San Luis Obispo County through the western half of Santa Barbara County into southwestern Ventura County, western Riverside and San Diego. The project site has sand and sandy loam soils that would not support ponding; therefore, this community does not occur onsite.
Southern Willow Scrub — State Rarity Rank S2.1	**Present.** Dense winter-deciduous streamside thicket dominated by any of several willow (*Salix* sp.) species. Individual Fremont cottonwood (*Populus fremontii*) and California sycamore (*Platanus racemosa*) also occur. This community is an early seral stage of Southern Cottonwood-Willow Riparian Forest and requires scouring floods to prevent succession. Occurs in narrow strip along the berm near the river on the western property line.

Sources: Preliminary Descriptions of the Terrestrial Natural Communities of California (Holland 1986); California Natural Diversity Database (California Department of Fish and Wildlife 2023a); California Sensitive Natural Communities (California Department of Fish and Wildlife 2023b).

Appendix G

Phase I Environmental Site Assessment, May 2020

APPENDIX C

Environmental Database Report

Government Records Report | 2020

Order Number: 41167

Report Generated: 05/05/2020

Project Name: Residential/Agricultural Property

Project Number: 20-012

Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA 93427

2 Corporate Drive
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

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Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-13 Environmental Site Assessments standard.

SUBJECT PROPERTY INFORMATION:

ADDRESS:

Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA 93427

COORDINATES:

Latitude (North):	34.613393 - 34°36'48.2"
Longitude (West):	-120.206551 - -120°12'23.6"
Universal Transverse Mercator:	Zone 10N
UTM X (Meters):	756136.22
UTM Y (Meters):	3833719.62

ELEVATION:

Elevation:	317.287 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:

Subject Property Map: 34120-E2 Solvang, CA
Most Recent Revision: 2018

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
A1	KELSEY AND SON CHEVROLET	390 HIGHWAY 246	ECHO, FRS, RCRA_SQG	Higher	NE / 0.155 mi.
A2	RIO VISTA CHEVROLET INC	390 HIGHWAY 246	ECHO, FRS, HAZNET - CA	Higher	NE / 0.156 mi.
3	GRANITE BUELLTON	610 HWY 246 E	CALEPA SITES - CA, FRS, LUST REG 3 - CA	Higher	N / 0.192 mi.
4	BUELLTON 5 ACRE BUILDING	INDUSTRIAL WAY	CALEPA SITES - CA, CIWQS - CA, NPDES - CA, ...	Higher	SE / 0.193 mi.
5	ARTIS, INC.	82 & 85 INDUSTRIAL WAY	CALEPA SITES - CA, SLIC REG 3 - CA, SMU_San...	Higher	ESE / 0.277 mi.
6	JONATA SCHOOL	301 SECOND ST	CALEPA SITES - CA, FRS, LUST REG 3 - CA	Higher	ENE / 0.345 mi.
B7	GARDENER RANCH	600 E HWY 246	SMU_Santa Barbara County - CA	Higher	NNW / 0.359 mi.
B8	N/R	34.5854225, -120.05793328	HIGH FIRE - CA	N/R	NNW / 0.363 mi.
9	PRIVATE RESIDENCE	PRIVATE RESIDENCE	CALEPA SITES - CA, FRS, LUST REG 3 - CA	Higher	ENE / 0.431 mi.
C10	S. B. COUNTY FIRE STATION #31	168 HWY 246 W	CALEPA SITES - CA, FRS, LUST REG 3 - CA	Higher	E / 0.438 mi.
C11	SANTA BARBARA FIRE STATION #31	164 HWY 246 W	CALEPA SITES - CA, FRS, LUST REG 3 - CA	Higher	E / 0.442 mi.
12	N/R	34.60589577, -120.2175723...	HIGH FIRE - CA	N/R	SSW / 0.522 mi.
13	N/R	34.60134571, -120.2032024...	HIGH FIRE - CA	N/R	SSE / 0.675 mi.
14	BEST WESTERN PEA SOUP ANDERSEN...	51 E HWY 246	SMU_Santa Barbara County - CA	Higher	E / 0.716 mi.
15	N/R	34.61195604, -120.2438564...	HIGH FIRE - CA	N/R	SSW / 0.758 mi.
16	OLIVIERA'S AUTO REPAIR	611 AVENUE OF THE FLAGS	SLIC REG 3 - CA, SMU_Santa Barbara County -...	Higher	ENE / 0.813 mi.
17	N/R	34.60564717, -120.1920897...	HIGH FIRE - CA	N/R	ESE / 0.833 mi.
18	EAGLE ENERGY	631 AVE OF THE FLAGS	SMU_Santa Barbara County - CA	Higher	ENE / 0.850 mi.
19	ARCO # 9609 DRIVE OFF SITE	197 E HWY 246	SMU_Santa Barbara County - CA	Higher	E / 0.929 mi.

SUBJECT PROPERTY SEARCH RESULTS:

The subject property was not listed in any of the databases searched by Envirosite Corporation.

SEARCH RESULTS:

FEDERAL RCRA GENERATORS LIST

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators **1 SITE FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A1	*KELSEY AND SON CHEVROLET*	*390 HIGHWAY 246*	*NE / 0.155 mi.*	*25*
	- ID: CAD029460367	Status: No Violation/Inspections	Date: N/A	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

LUST REG 3 - CA: Leaking underground storage tanks in Region 3: Santa Clara (south of Morgan Hill) San Mateo (southern part) Santa Cruz SanBenito Monterey Kern (some parts) San Luis Obispo Santa Barbara Ventura(northern part) counties **5 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
3	*GRANITE BUELLTON*	*610 HWY 246 E*	*N / 0.192 mi.*	*36*
	- ID: T0608388108	Status: Completed - Case Closed	Date: 05/17/2012	
6	*JONATA SCHOOL*	*301 SECOND ST*	*ENE / 0.345 mi.*	*46*
	- ID: T0608300030	Status: Completed - Case Closed	Date: 06/24/1993	
9	*PRIVATE RESIDENCE*	*PRIVATE RESIDENCE*	*ENE / 0.431 mi.*	*51*
	- ID: T0608300143	Status: Completed - Case Closed	Date: 09/01/1992	
C10	*S. B. COUNTY FIRE STATION #31*	*168 HWY 246 W*	*E / 0.438 mi.*	*54*
	- ID: T0608353210	Status: Completed - Case Closed	Date: 07/27/2012	
C11	*SANTA BARBARA FIRE STATION #31*	*164 HWY 246 W*	*E / 0.442 mi.*	*60*
	- ID: T0608300619	Status: Completed - Case Closed	Date: 12/23/1997	

SLIC REG 3 - CA: List of Region 3 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database. **1 SITE FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
5	*ARTIS, INC.*	*82 & 85 INDUSTRIAL WAY*	*ESE / 0.277 mi.*	*43*
	- ID: T10000008762	Status: Completed - Case Closed	Date: 07/27/1995	

OTHER ASCERTAINABLE RECORDS

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA). **2 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
3	*GRANITE BUELLTON*	*610 HWY 246 E*	*N / 0.192 mi.*	*36*
4	*BUELLTON 5 ACRE BUILDING*	*INDUSTRIAL WAY*	*SE / 0.193 mi.*	*41*

OTHER ASCERTAINABLE RECORDS *(cont.)*

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters **1 SITE FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A2	*RIO VISTA CHEVROLET INC*	*390 HIGHWAY 246*	*NE / 0.156 mi.*	*29*

HIGH FIRE - CA: Fire hazard severity zones mapped as areas of significant fire hazards on the basis of fuels terrain weather and other factors **5 SITES FOUND WITHIN 1 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B8	N/R	34.5854225, -120.05793328	NNW / 0.363 mi.	*51*
12	N/R	34.60589577, -120.21757232	SSW / 0.522 mi.	*64*
13	N/R	34.60134571, -120.20320242	SSE / 0.675 mi.	*64*
15	N/R	34.61195604, -120.24385642	SSW / 0.758 mi.	*65*
17	N/R	34.60564717, -120.19208971	ESE / 0.833 mi.	*67*

SMU_SANTA BARBARA COUNTY - CA: Site Mitigation Unit site assessment and corrective actions at properties in Santa Barbara County **6 SITES FOUND WITHIN 1 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
5	*ARTIS, INC.*	*82 & 85 INDUSTRIAL WAY*	*ESE / 0.277 mi.*	*43*
	- ID: 273	Status: Closed	Date: 02/25/2010	
B7	GARDENER RANCH	600 E HWY 246	NNW / 0.359 mi.	*50*
	- ID: 561	Status: Inactive	Date: 12/05/2012	
14	BEST WESTERN PEA SOUP ANDERSEN'S PAINT SPILL	51 E HWY 246	E / 0.716 mi.	*64*
	- ID: 684	Status: Closed	Date: 05/15/2013	
16	*OLIVIERA'S AUTO REPAIR*	*611 AVENUE OF THE FLAGS*	*ENE / 0.813 mi.*	*65*
	- ID: 758	Status: Open	Date: Open	
18	EAGLE ENERGY	631 AVE OF THE FLAGS	ENE / 0.850 mi.	*68*
	- ID: 546	Status: Closed	Date: 03/13/2008	
19	ARCO # 9609 DRIVE OFF SITE	197 E HWY 246	E / 0.929 mi.	*68*
	- ID: 431	Status: Closed	Date: 05/22/2003	

Following sites were unable to be mapped.

SITE NAME:	ADDRESS, CITY, ZIP:	DATABASE(S):
CHERONTEXACO ZACA SUMP #35	ZACA OIL FIELD, BUELLTON	SMU_SANTA BARBARA COUNTY - CA
CITY OF BUELLTON	100 BLOCK AVE OF FLAGS, BUELLTON	SMU_SANTA BARBARA COUNTY - CA
OFSTEAD PROPERTY	200 MAIL RD, BUELLTON	SMU_SANTA BARBARA COUNTY - CA
OLDPORT SEAFOOD TRUCK ACCIDENT (CI...	MILE 61.5 HWY 101, BUELLTON	SMU_SANTA BARBARA COUNTY - CA
RUBIN TRUCKING	HWY 101 & JONATA RD, BUELLTON	SMU_SANTA BARBARA COUNTY - CA

DATABASE(S) WITH NO MAPPED SITES:

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

FEDERAL CERCLIS LIST

CERCLIS NFRAP	Comprehensive Environmental Response Compensation and Liability Act No Further Remedial Action Planned
CERCLIS-HIST	Comprehensive Environmental Response Compensation and Liability Act
FEDERAL FACILITY	Federal Facility sites
SEMS_8R_ACTIVE SITES	Sites on SEMS Active Site Inventory
SEMS_8R_ARCHIVED SITES	Sites on SEMS Archived Site Inventory

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS	Hazardous Waste Corrective Action
HIST CORRACTS 2	Historical Hazardous Waste Corrective Action

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL	Delisted National Priority List
DELISTED PROPOSED NPL	Delisted proposed National Priority List
SEMS_DELETED NPL	Sites Deleted from National Priorities List

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP	EPA Landfill Methane Outreach Project Database

FEDERAL ERNS LIST

ERNS	Emergency Response Notification System

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_ Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators
RCRA_LQG	Resource Conservation and Recovery Act_ Large Quantity Generators
RCRA_NONGEN	Resource Conservation and Recovery Act_Non Generators
RCRA_VSQG	Resource Conservation and Recovery Act_Very Small Quantity Generator

FEDERAL NPL SITE LIST

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL
NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL
PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC	RCRA sites with Institutional and Engineering Controls
FED E C	Engineering Controls
FED I C	Institutional Controls

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST	FEMA Underground Storage Tanks
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9
AST - CA	Aboveground storage tanks
AST_ORANGE COUNTY - CA	Orange County Aboveground Storage Tanks
AST_PLACER COUNTY - CA	Placer County Aboveground Storage Tanks
FID UST - CA	Facility Inventory Database
HIST AST - CA	Historical Aboveground Storage Tanks
HIST UST - CA	Historical Underground Storage Tanks
HIST UST_EL SEGUNDO CITY - CA	Historical City of El Segundo Underground Storage Tanks
TANKS_CONTRA COSTA COUNTY - CA	Contra Costa County Aboveground Storage Tanks
UST - CA	Underground Storage Tanks
UST_ORANGE COUNTY - CA	Orange County Underground Storage Tanks
UST_PLACER COUNTY - CA	Placer County Underground Storage Tanks
AST_KERN COUNTY - CA	Kern County Aboveground Storage Tanks Facilites
AST_YOLO COUNTY - CA	Yolo County Above Ground Storage Tanks
CLOSED UST_VENTURA COUNTY - CA	Ventura County Closed Underground Storage Tanks
HIST UST_KERN COUNTY - CA	Historical Kern County Underground Storage Tanks
HIST UST_SUTTER COUNTY - CA	Historical Sutter County Underground Storage Tank List
UST_ALAMEDA COUNTY - CA	Alameda County Underground Storage Tanks
UST_CITY OF LONG BEACH - CA	City of Long Beach Underground Storage Tanks
UST_CITY OF TORRANCE - CA	City of Torrance Underground Storage Tanks
UST_EL SEGUNDO CITY - CA	City of El Segundo Underground Storage Tanks
UST_KERN COUNTY - CA	Kern County Underground Storage Tanks
UST_MARIN COUNTY - CA	Marin County Underground Storage Tanks
UST_MENDOCINO COUNTY - CA	Mendocino County Underground Storage Tanks
UST_NAPA COUNTY - CA	Underground storage tank sites located in Napa county.
UST_RIVERSIDE COUNTY - CA	Riverside County Underground Storage Tanks
UST_SAN FRANCISCO COUNTY - CA	San Francisco County Underground Storage Tanks
UST_SAN JOAQUIN COUNTY - CA	San Joaquin County Underground Storage Tanks
UST_SOLANO COUNTY - CA	Solano County Underground Storage Tanks
UST_SUTTER COUNTY - CA	Sutter County Underground Storage Tanks
UST_YOLO COUNTY - CA	Yolo County Underground Storage Tanks

STATE- AND TRIBAL - EQUIVALENT CERCLIS

ENVIROSTOR - CA	EnviroStor Database
HIST TOXIC PITS - CA	Historical Toxic Pits Cleanup Act
OIL & GAS CLEANUP - CA	SWRCB Oil & Gas Cleanup Sites
SWRCB CLEANUP - CA	SWRCB Cleanup Program
SWRCB NON_CASE - CA	SWRCB Non-Case Sites
TOXIC PITS - CA	Toxic Pits Cleanup Act

STATE- AND TRIBAL - EQUIVALENT NPL

HIST RESPONSE - CA	Historical State Response Sites
RESPONSE - CA	State Response Sites

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

HIST SWF/LF - CA	Historical Solid Waste Information System
SWF/LF - CA	Solid Waste Information System

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land in EPA Region 1

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN LUST R2	Leaking Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9
LUST ORANGE COUNTY - CA	Orange County Leaking Underground Storage Tanks
LUST REG 1 - CA	Region 1 Leaking Underground Storage Tanks
LUST REG 2 - CA	Region 2 Leaking Underground Storage Tanks
LUST REG 4 - CA	Region 4 Leaking Underground Storage Tanks
LUST REG 5 - CA	Region 5 Leaking Underground Storage Tanks
LUST REG 6 - CA	Region 6 Leaking Underground Storage Tanks
LUST REG 7 - CA	Region 7 Leaking Underground Storage Tanks
LUST REG 8 - CA	Region 8 Leaking Underground Storage Tanks
LUST REG 9 - CA	Region 9 Leaking Underground Storage Tanks
LUST_SUTTER COUNTY - CA	Sutter County Leaking Underground Storage Tanks
SLIC REG 1 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 2 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 4 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 5 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 6 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 7 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 8 - CA	Spills Leaks Investigation & Cleanup Program
SLIC REG 9 - CA	Spills Leaks Investigation & Cleanup Program
HIST LUST_SONOMA COUNTY - CA	Historical Sonoma County Leaking Underground Storage Tanks
LUFT_ALAMEDA COUNTY - CA	Alameda County Leaking Underground Fuel Tanks
LUST_HAZMAT_YOLO COUNTY - CA	Yolo County Leaking Underground Storage tanks
LUST_KERN COUNTY - CA	Kern County leaking underground tank sites
LUST_RIVERSIDE COUNTY - CA	Riverside County Leaking Underground Storage Tanks
LUST_SAN FRANCISCO COUNTY - CA	listing of leaking underground storage tanks
LUST_SAN MATEO COUNTY - CA	San Mateo County Leaking Underground Storage Tanks
LUST_SOLANO COUNTY - CA	Solano County Leaking Underground Storage Tanks
LUST_SONOMA COUNTY - CA	Sonoma County Leaking Underground Storage Tanks
LUST_VENTURA COUNTY - CA	Ventura County Leaking Underground Storage Tanks
SLIC_ALAMEDA COUNTY - CA	Alameda County Spills Leaks Investigation & Cleanup

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - CA	Voluntary Cleanup Program sites

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS	Tribal Brownfields

STATE RCRA GENERATORS LIST

HWG_YOLO COUNTY - CA	State Hazardous Waste Generators

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL	DOJ Clandestine Drug Labs
US HIST CDL	Historical Clandestine Drug Labs
CDL - CA	Meth and Clandestine Drug Labs
CS_PLACER COUNTY - CA	Placer County Cleanup Sites
SCH - CA	School Property Evaluation Program
CALARP_KERN COUNTY - CA	HazMat Chemical Facility List
CASE LIST_SAN DIEGO COUNTY - CA	San Diego County Environmental Case List
CORRECTIVE ACTION_RIVERSIDE COUNTY - CA	Riverside County Corrective Action Sites
CS_NAPA COUNTY - CA	Contaminated Sites
SITE LIST_CONTRA COSTA COUNTY - CA	Contra Costa County Sites List

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES *(cont.)*

TOXIC SITE_SACRAMENTO COUNTY - CA	Sacramento County Toxic Site Cleanup list

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT)	Hazardous Materials Information Reporting Systems
CHMIRS - CA	California Hazardous Material Incident Report System
HIST CHMIRS - CA	California Hazardous Material Incident Report System
INDUSTRIAL CLEANUP_ORANGE COUNTY - CA	Petroleum and non-petroleum industrial spills
SML_LOS ANGELES COUNTY - CA	Los Angeles County Emergency Response session spills

LOCAL LAND RECORDS

LIENS 2	CERCLA Lien Information
DEED - CA	Deeds
HIST LIENS - CA	Historical Liens
LIENS - CA	Liens

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8	Historical Open Dump Inventory
INDIAN ODI R8	Open Dump Inventory
ODI	Open Dump Inventory
TRIBAL ODI	Indian Open Dump Inventory Sites
HAULERS - CA	Tire Haulers
SWRCY - CA	Recyclers
LF_SAN DIEGO COUNTY - CA	San Diego County Landfills
SWF_LOS ANGELES COUNTY - CA	Los Angeles County solid waste facilities

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES	EPA ACRES Brownfields
FED BROWNFIELDS	Federal Brownfields

OTHER ASCERTAINABLE RECORDS

AFS	Air Facility Systems
ALT FUELING	Alternative Fueling Stations
BRS	Biennial Reporting Systems
CDC HAZDAT	Hazardous Substance Release and Health Effects Information
COAL ASH DOE	Coal Ash: Department of Energy
COAL ASH EPA	Coal Ash: Environmental Protection Agency
COAL GAS	Coal Gas Plants
CONSENT (DECREES)	Superfund Consent Decree
DEBRIS R5 LF	Disaster Debris Landfill Data
DEBRIS R5 SWRCY	Disaster Debris Recovery Data
DOD	Department of Defense
DOT OPS	Department of Transportation Office of Pipeline Safety
ECHO	EPA Enforcement and Compliance History Online
ENOI	Electronic Notice of Intent
EPA FUELS	EPA Fuels Registration, Reporting, and Compliance List
EPA OSC	EPA On-Site Coordinator
EPA WATCH	EPA Watch List
FA HWF	Financial Assurance for Hazardous Waste Facilities
FEDLAND	Federal Lands
FRS	Facility Index Systems
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	FIFRA/TSCA Tracking System: Inspections
FUDS	Formerly Used Defense Sites
HIST AFS	Historical Air Facility Systems
HIST AFS 2	Historical Air Facility Systems
HIST DOD	Department of Defense historical sites
HIST LEAD_SMELTER	Historical Lead Smelter Sites
HIST MLTS	Historical Material Licensing Tracking Systems
HIST PCB TRANS	Historical Polychlorinated Biphenyl (PCB) Facilities

OTHER ASCERTAINABLE RECORDS *(cont.)*

HIST PCS ENF	Historical Enforced Permit Compliance Facilities
HIST PCS FACILITY	Historical Permit Compliance Facilities
HIST SSTS	Historical Section 7 Tracking Systems
HWC DOCKET	Hazardous Waste Compliance Docket
ICIS	Integrated Compliance Information System
INACTIVE PCS	Inactive Permit Compliance Facilities
INDIAN RESERVATION	Indian Reservations
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
MINES	Mines
MINES USGS	Mines list from USGS
MLTS	Material Licensing Tracking Systems
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
OSHA	Occupational Safety & Health Administration
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PCS ENF	Enforced Permit Compliance Facilities
PCS FACILITY	Permit Compliance Facilities
RAATS	RCRA Administrative Action Tracking Systems
RADINFO	Radiation Information Systems
RMP	Risk Management Plans
ROD	Record of Decision
SCRD DRYCLEANERS	SCRD Drycleaners
SEMS_SMELTER	Sites on SEMS Potential Smelter Activity
SSTS	Section 7 Tracking Systems
STORMWATER	Storm Water Permits
TOSCA-PLANT	Toxic Substance Control Act: Plants
TRIS	Toxic Release Inventory Systems
UMTRA	Uranium Mill Tailing Sites
VAPOR	EPA Vapor Intrusion
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
AOC_SAN GABRIEL VALLEY - CA	San Gabriel Valley Superfund
BOND EXPENDITURE PLAN - CA	Bond Expenditure Plan
CIWQS - CA	California Integrated Water Quality System
CIWQS 2 - CA	California Integrated Water Quality System
CORTESE - CA	The Hazardous Waste and Substances Sites List
CUPA_PLACER COUNTY - CA	CUPA County Certified Unified Program Agency
DAYCARE - CA	Daycares
DRYCLEANERS - CA	Drycleaners
EMI - CA	Emissions Inventory Data
FA - CA	Financial Assurance
FA 2 - CA	Financial Assurance for Solid Waste Facilities
HAZWASTE_ORANGE COUNTY - CA	Orange County hazardous waste facilities
HIST CORTESE - CA	The Historical Hazardous Waste and Substances Sites List
HIST HAZNET - CA	Historical Hazardous Waste Manifests
HIST HWP - CA	Historical EnviroStor Permitted Facilities
HIST LDS - CA	Historical Land Disposal Sites
HIST MCS - CA	Historical Military Cleanup Sites
HIST NFA - CA	Historical No Further Action Sites
HWM COMMERCIAL FACILITIES - CA	Hazardous Waste Management Commercial Facilities
HWP - CA	EnviroStor Permitted Facilities
HWT - CA	Hazardous Waste Transporters
LDS - CA	Land Disposal Sites
MCS - CA	Military Cleanup Sites
MWMP - CA	Medical Waste Management Program
MWMP 2 - CA	Medical Waste Management Program
NFA - CA	No Further Action Sites

OTHER ASCERTAINABLE RECORDS *(cont.)*

NFE - CA	Unconfirmed contaminated properties
NPDES - CA	State Wastewater and NPDES Permits
PERCHLORATE 2 - CA	Perchlorate contaminted sites
PROPOSITION 65 - CA	Proposition 65 Records
RFR - CA	Regulated Facility Report
SWAT - CA	SWAT Reports Summary Data
WDS - CA	Waste Discharge System
WILDLANDS - CA	Preserves List
WIP - CA	Well Investigation Program
BP HW OUT_VENTURA COUNTY - CA	Ventura County Business Plan Hazardous Waste Producers and Operating Underground Tanks
BUSINESS INVENTORY_SAN MATEO COUNTY - CA	San Mateo County List of Underground Storage Tanks, Hazardous Materials, Business Plans, and Hazardous Waste Generators
CUPA_BUTTE COUNTY - CA	Butte County Certified Unified Program Agency
CUPA_FRESNO COUNTY - CA	Fresno County Certified Unified Program Agency
DRYCLEANERS_AMADOR COUNTY - CA	Amador County Drycleaners
DRYCLEANERS_ANTELOPE VALLEY - CA	Antelope Valley Drycleaners
DRYCLEANERS_BAY AREA - CA	Bay Area Drycleaners
DRYCLEANERS_BUTTE COUNTY - CA	Butte County Drycleaners
DRYCLEANERS_CALAVERAS COUNTY - CA	Calaveras County Drycleaners
DRYCLEANERS_COLUSA COUNTY - CA	Colusa County Drycleaners
DRYCLEANERS_EASTERN KERN COUNTY - CA	Eastern Kern County Drycleaners
DRYCLEANERS_EL DORADO COUNTY - CA	El Dorado County Drycleaners
DRYCLEANERS_FEATHER RIVER - CA	Feather River Drycleaners
DRYCLEANERS_GLENN COUNTY - CA	Glenn County Drycleaners
DRYCLEANERS_GREAT BASIN UNIFIED - CA	Great Basin Unified Drycleaners
DRYCLEANERS_IMPERIAL COUNTY - CA	Imperial County Drycleaners
DRYCLEANERS_LAKE COUNTY - CA	Lake County Drycleaners
DRYCLEANERS_LASSEN COUNTY - CA	Lassen County Drycleaners
DRYCLEANERS_MENDOCINO COUNTY - CA	Mendocino County Drycleaners
DRYCLEANERS_MOJAVE DESERT - CA	Mojave Desert Drycleaners
DRYCLEANERS_MONTEREY BAY - CA	Monterey Bay Drycleaners
DRYCLEANERS_NORTH COAST UNIFIED - CA	North Coast Unified Drycleaners
DRYCLEANERS_NORTHERN SIERRA - CA	Northern Sierra Drycleaners
DRYCLEANERS_NORTHERN SONOMA COUNTY - CA	Northern Sonoma County Drycleaners
DRYCLEANERS_PLACER COUNTY - CA	Placer County Drycleaners
DRYCLEANERS_SACRAMENTO COUNTY - CA	Sacramento County Drycleaners
DRYCLEANERS_SAN DIEGO COUNTY - CA	San Diego County Drycleaners
DRYCLEANERS_SAN JOAQUIN VALLEY - CA	San Joaquin Valley Drycleaners
DRYCLEANERS_SAN LUIS OBISPO - CA	San Luis Obispo Drycleaners
DRYCLEANERS_SANTA BARBARA COUNTY - CA	Santa Barbara Drycleaners
DRYCLEANERS_SHASTA COUNTY - CA	Shasta County Drycleaner
DRYCLEANERS_SISKIYOU COUNTY - CA	Siskiyou County Drycleaners
DRYCLEANERS_SOUTH COAST - CA	South Coast Drycleaners
DRYCLEANERS_TEHAMA COUNTY - CA	Tehama County Drycleaners
DRYCLEANERS_TUOLUMNE COUNTY - CA	Tuolumne County Drycleaners
DRYCLEANERS_VENTURA COUNTY - CA	Ventura County Drycleaners
DRYCLEANERS_YOLO-SOLANO COUNTIES - CA	Yolo and Solano Counties Drycleaners
GCC_SANTA CLARA VALLEY - CA	Santa Clara Valley Groundwater Contamination Cleanups
HAZMAT INCIDENT_CONTRA COSTA COUNTY - CA	Contra Costa County Hazardous Materials Incident list
HAZMAT_CITY OF SAN JOSE - CA	City of San Jose Hazardous Material Facilities
HAZMAT_SACRAMENTO COUNTY - CA	Sacramento County Master Hazardous Materials Facility list
HAZMAT_SAN BERNARDINO COUNTY - CA	San Bernardino County Hazardous Material Permits
HAZMAT_SAN DIEGO COUNTY - CA	Hazardous Materials Management Division Database

OTHER ASCERTAINABLE RECORDS *(cont.)*

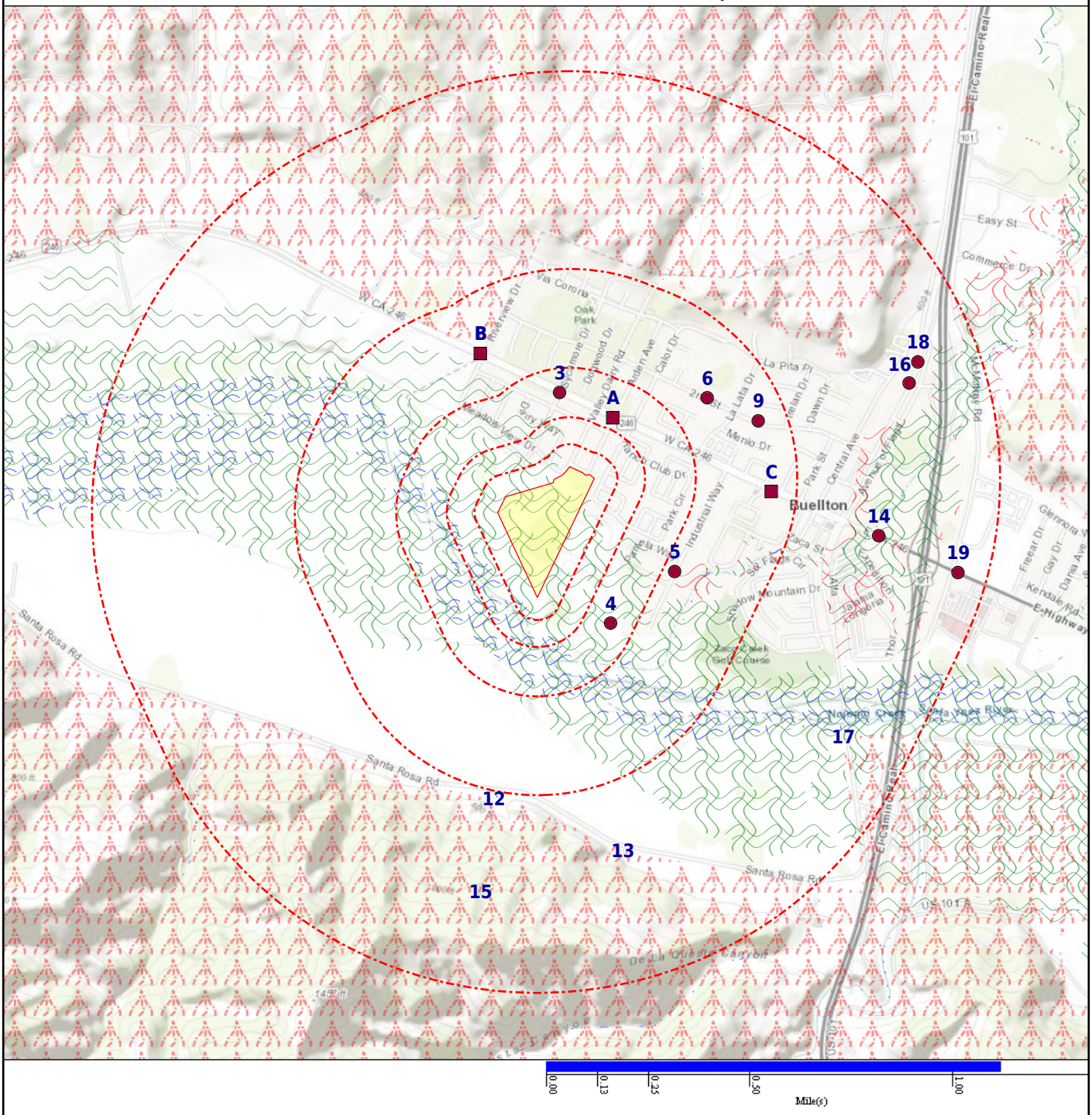
HAZMAT_SANTA CLARA COUNTY - CA	Santa Clara County Hazardous Material Facilities
HIST HMS_LOS ANGELES COUNTY - CA	Historical Los Angeles County Street Number List
HMS_LOS ANGELES COUNTY - CA	Los Angeles County Street Number List
LOP_SANTA CLARA COUNTY - CA	Santa Clara County Local Oversight Program
SITES INVENTORY_VENTURA COUNTY - CA	Ventura County Inventory of Closed Illegal Abandoned and Inactive Sites
VCCP_VENTURA COUNTY - CA	Ventura County County Cleanup Program

OTHER

SEISMIC - CA	Seismic Hazards Zonation Program

SUBJECT NAME: Commercial/Agricultural Property
ADDRESS: 202 Dairyland Rd, Buellton, CA, 93427
LAT/LONG: 34.613393 / -120.206551

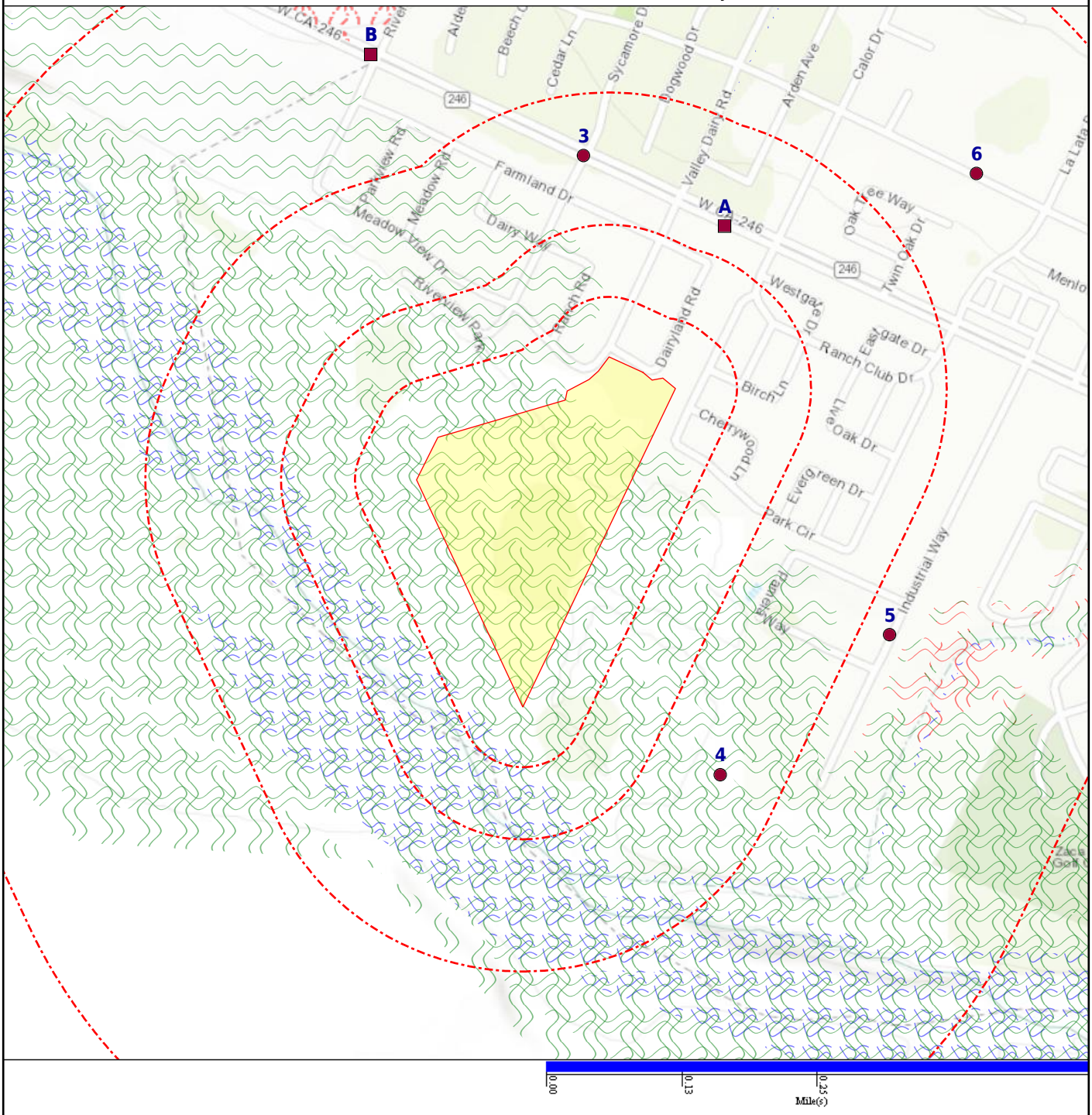
PREPARED FOR: The Phase One Group
ORDER #: 41167
REPORT DATE: May 05, 2020



- Subject Property
- CDC HAZDAT (No Data)
- Federal Lands (No Data)
- Historical DOD (No Data)
- Seismic (No Data)
- Equal/Higher Elevation
- Department of Defense (No Data)
- FEMA FloodZone 100
- Indian Reservation (No Data)
- Lower Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500
- National Priority List (No Data)
- Area Of Concern (No Data)
- DFIRM Floodzone 500
- Fire Hazard Zone
- NWI

SUBJECT NAME: Commercial/Agricultural Property
ADDRESS: 202 Dairyland Rd, Buellton, CA, 93427
LAT/LONG: 34.613393 / -120.206551

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- Lower Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500
- National Priority List (No Data)
- Area Of Concern (No Data)
- DFIRM Floodzone 500
- Fire Hazard Zone
- NWI

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES		0.500	0	0	0	--	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	0	--	0
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0
FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
EPA LF MOP		0.500	0	0	0	--	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_LQG		0.250	0	0	--	--	--	0
RCRA_NONGEN		0.250	0	0	--	--	--	0
RCRA_SQG		0.250	0	1	--	--	--	1
RCRA_VSQG		0.250	0	0	--	--	--	0
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL NPL SITE LIST *(cont.)*								
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
RCRA IC_EC		0.250	0	0	--	--	--	0
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
STATE AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - CA		0.250	0	0	--	--	--	0
AST_ORANGE COUNTY - CA		0.250	0	0	--	--	--	0
AST_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
FID UST - CA		0.250	0	0	--	--	--	0
HIST AST - CA		0.250	0	0	--	--	--	0
HIST UST - CA		0.250	0	0	--	--	--	0
HIST UST_EL SEGUNDO CITY - CA		0.250	0	0	--	--	--	0
TANKS_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0
UST - CA		0.250	0	0	--	--	--	0
UST_ORANGE COUNTY - CA		0.250	0	0	--	--	--	0
UST_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
AST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
AST_YOLO COUNTY - CA		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*								
CLOSED UST_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
HIST UST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
HIST UST_SUTTER COUNTY - CA		0.250	0	0	--	--	--	0
UST_ALAMEDA COUNTY - CA		0.250	0	0	--	--	--	0
UST_CITY OF LONG BEACH - CA		0.250	0	0	--	--	--	0
UST_CITY OF TORRANCE - CA		0.250	0	0	--	--	--	0
UST_EL SEGUNDO CITY - CA		0.250	0	0	--	--	--	0
UST_KERN COUNTY - CA		0.250	0	0	--	--	--	0
UST_MARIN COUNTY - CA		0.250	0	0	--	--	--	0
UST_MENDOCINO COUNTY - CA		0.250	0	0	--	--	--	0
UST_NAPA COUNTY - CA		0.250	0	0	--	--	--	0
UST_RIVERSIDE COUNTY - CA		0.250	0	0	--	--	--	0
UST_SAN FRANCISCO COUNTY - CA		0.250	0	0	--	--	--	0
UST_SAN JOAQUIN COUNTY - CA		0.250	0	0	--	--	--	0
UST_SOLANO COUNTY - CA		0.250	0	0	--	--	--	0
UST_SUTTER COUNTY - CA		0.250	0	0	--	--	--	0
UST_YOLO COUNTY - CA		0.250	0	0	--	--	--	0
STATE- AND TRIBAL - EQUIVALENT CERCLIS								
ENVIROSTOR - CA		1.000	0	0	0	0	--	0
HIST TOXIC PITS - CA		1.000	0	0	0	0	--	0
OIL & GAS CLEANUP - CA		0.500	0	0	0	--	--	0
SWRCB CLEANUP - CA		0.500	0	0	0	--	--	0
SWRCB NON_CASE - CA		0.500	0	0	0	--	--	0
TOXIC PITS - CA		1.000	0	0	0	0	--	0
STATE- AND TRIBAL - EQUIVALENT NPL								
HIST RESPONSE - CA		1.000	0	0	0	0	--	0
RESPONSE - CA		1.000	0	0	0	0	--	0
STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
HIST SWF/LF - CA		0.500	0	0	0	--	--	0
SWF/LF - CA		0.500	0	0	0	--	--	0
STATE AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R1		0.500	0	0	0	--	--	0
INDIAN LUST R10		0.500	0	0	0	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*								
INDIAN LUST R2		0.500	0	0	0	--	--	0
INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
LUST ORANGE COUNTY - CA		0.500	0	0	0	--	--	0
LUST REG 1 - CA		0.500	0	0	0	--	--	0
LUST REG 2 - CA		0.500	0	0	0	--	--	0
LUST REG 3 - CA		0.500	0	1	4	--	--	5
LUST REG 4 - CA		0.500	0	0	0	--	--	0
LUST REG 5 - CA		0.500	0	0	0	--	--	0
LUST REG 6 - CA		0.500	0	0	0	--	--	0
LUST REG 7 - CA		0.500	0	0	0	--	--	0
LUST REG 8 - CA		0.500	0	0	0	--	--	0
LUST REG 9 - CA		0.500	0	0	0	--	--	0
LUST_SUTTER COUNTY - CA		0.500	0	0	0	--	--	0
SLIC REG 1 - CA		0.500	0	0	0	--	--	0
SLIC REG 2 - CA		0.500	0	0	0	--	--	0
SLIC REG 3 - CA		0.500	0	0	1	--	--	1
SLIC REG 4 - CA		0.500	0	0	0	--	--	0
SLIC REG 5 - CA		0.500	0	0	0	--	--	0
SLIC REG 6 - CA		0.500	0	0	0	--	--	0
SLIC REG 7 - CA		0.500	0	0	0	--	--	0
SLIC REG 8 - CA		0.500	0	0	0	--	--	0
SLIC REG 9 - CA		0.500	0	0	0	--	--	0
HIST LUST_SONOMA COUNTY - CA		0.500	0	0	0	--	--	0
LUFT_ALAMEDA COUNTY - CA		0.500	0	0	0	--	--	0
LUST_HAZMAT_YOLO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_KERN COUNTY - CA		0.500	0	0	0	--	--	0
LUST_RIVERSIDE COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SAN FRANCISCO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SAN MATEO COUNTY - CA		0.500	0	0	0	--	--	0
LUST_SOLANO COUNTY - CA		0.500	0	0	0	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*								
LUST_SONOMA COUNTY - CA		0.500	0	0	0	--	--	0
LUST_VENTURA COUNTY - CA		0.500	0	0	0	--	--	0
SLIC_ALAMEDA COUNTY - CA		0.500	0	0	0	--	--	0
STATE AND TRIBAL VOLUNTARY CLEANUP SITES								
VCP - CA		0.500	0	0	0	--	--	0
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
STATE RCRA GENERATORS LIST								
HWG_YOLO COUNTY - CA		0.250	0	0	--	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
CDL - CA		SP	0	--	--	--	--	0
CS_PLACER COUNTY - CA		1.000	0	0	0	0	--	0
SCH - CA		0.250	0	0	--	--	--	0
CALARP_KERN COUNTY - CA		0.250	0	0	--	--	--	0
CASE LIST_SAN DIEGO COUNTY - CA		0.500	0	0	0	--	--	0
CORRECTIVE ACTION_RIVERSIDE COUNTY - CA		1.000	0	0	0	0	--	0
CS_NAPA COUNTY - CA		0.500	0	0	0	--	--	0
SITE LIST_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0
TOXIC SITE_SACRAMENTO COUNTY - CA		1.000	0	0	0	0	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	--	0
CHMIRS - CA		SP	0	--	--	--	--	0
HIST CHMIRS - CA		SP	0	--	--	--	--	0
INDUSTRIAL CLEANUP_ORANGE COUNTY - CA		0.125	0	--	--	--	--	0
SML_LOS ANGELES COUNTY - CA		0.125	0	--	--	--	--	0
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0
DEED - CA		0.500	0	0	0	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
LOCAL LAND RECORDS *(cont.)*								
HIST LIENS - CA		SP	0	--	--	--	--	0
LIENS - CA		SP	0	--	--	--	--	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
HIST INDIAN ODI R8		0.500	0	0	0	--	--	0
INDIAN ODI R8		0.500	0	0	0	--	--	0
ODI		0.500	0	0	0	--	--	0
TRIBAL ODI		0.500	0	0	0	--	--	0
HAULERS - CA		0.500	0	0	0	--	--	0
SWRCY - CA		0.500	0	0	0	--	--	0
LF_SAN DIEGO COUNTY - CA		0.500	0	0	0	--	--	0
SWF_LOS ANGELES COUNTY - CA		0.500	0	0	0	--	--	0
LOCAL BROWNFIELD LISTS								
BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0
OTHER ASCERTAINABLE RECORDS								
AFS		SP	0	--	--	--	--	0
ALT FUELING		0.250	0	0	--	--	--	0
BRS		SP	0	--	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
COAL ASH DOE		0.500	0	0	0	--	--	0
COAL ASH EPA		0.500	0	0	0	--	--	0
COAL GAS		1.000	0	0	0	0	--	0
CONSENT (DECREES)		1.000	0	0	0	0	--	0
DEBRIS R5 LF		0.500	0	0	0	--	--	0
DEBRIS R5 SWRCY		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
DOT OPS		SP	0	--	--	--	--	0
ECHO		SP	0	--	--	--	--	0
ENOI		SP	0	--	--	--	--	0
EPA FUELS		SP	0	--	--	--	--	0
EPA OSC		0.125	0	--	--	--	--	0
EPA WATCH		SP	0	--	--	--	--	0
FA HWF		SP	0	--	--	--	--	0
FEDLAND		1.000	0	0	0	0	--	0
FRS		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
FTTS		SP	0	--	--	--	--	0
FTTS INSP		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
HIST AFS		SP	0	--	--	--	--	0
HIST AFS 2		SP	0	--	--	--	--	0
HIST DOD		1.000	0	0	0	0	--	0
HIST LEAD_SMELTER		SP	0	--	--	--	--	0
HIST MLTS		SP	0	--	--	--	--	0
HIST PCB TRANS		SP	0	--	--	--	--	0
HIST PCS ENF		SP	0	--	--	--	--	0
HIST PCS FACILITY		SP	0	--	--	--	--	0
HIST SSTS		SP	0	--	--	--	--	0
HWC DOCKET		SP	0	--	--	--	--	0
ICIS		SP	0	--	--	--	--	0
INACTIVE PCS		SP	0	--	--	--	--	0
INDIAN RESERVATION		1.000	0	0	0	0	--	0
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
MINES		0.250	0	0	--	--	--	0
MINES USGS		0.250	0	0	--	--	--	0
MLTS		SP	0	--	--	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
OSHA		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PCS ENF		SP	0	--	--	--	--	0
PCS FACILITY		SP	0	--	--	--	--	0
RAATS		SP	0	--	--	--	--	0
RADINFO		SP	0	--	--	--	--	0
RMP		0.500	0	0	0	--	--	0
ROD		1.000	0	0	0	0	--	0
SCRD DRYCLEANERS		0.250	0	0	--	--	--	0
SEMS_SMELTER		SP	0	--	--	--	--	0
SSTS		SP	0	--	--	--	--	0
STORMWATER		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
TOSCA-PLANT		SP	0	--	--	--	--	0
TRIS		SP	0	--	--	--	--	0
UMTRA		0.500	0	0	0	--	--	0
VAPOR		0.500	0	0	0	--	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
AOC_SAN GABRIEL VALLEY - CA		1.000	0	0	0	0	--	0
BOND EXPENDITURE PLAN - CA		1.000	0	0	0	0	--	0
CALEPA SITES - CA		0.250	0	2	--	--	--	2
CIWQS - CA		SP	0	--	--	--	--	0
CIWQS 2 - CA		SP	0	--	--	--	--	0
CORTESE - CA		0.500	0	0	0	--	--	0
CUPA_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
DAYCARE - CA		SP	0	--	--	--	--	0
DRYCLEANERS - CA		0.250	0	0	--	--	--	0
EMI - CA		SP	0	--	--	--	--	0
FA - CA		SP	0	--	--	--	--	0
FA 2 - CA		SP	0	--	--	--	--	0
HAZNET - CA		0.250	0	1	--	--	--	1
HAZWASTE_ORANGE COUNTY - CA		0.500	0	0	0	--	--	0
HIGH FIRE - CA		1.000	0	0	1	4	--	5
HIST CORTESE - CA		0.500	0	0	0	--	--	0
HIST HAZNET - CA		0.250	0	0	--	--	--	0
HIST HWP - CA		1.000	0	0	0	0	--	0
HIST LDS - CA		0.500	0	0	0	--	--	0
HIST MCS - CA		1.000	0	0	0	0	--	0
HIST NFA - CA		0.500	0	0	0	--	--	0
HWM COMMERCIAL FACILITIES - CA		0.250	0	0	--	--	--	0
HWP - CA		1.000	0	0	0	0	--	0
HWT - CA		0.250	0	0	--	--	--	0
LDS - CA		0.500	0	0	0	--	--	0
MCS - CA		1.000	0	0	0	0	--	0
MWMP - CA		0.250	0	0	--	--	--	0
MWMP 2 - CA		0.250	0	0	--	--	--	0
NFA - CA		0.500	0	0	0	--	--	0
NFE - CA		0.500	0	0	0	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
NPDES - CA		SP	0	--	--	--	--	0
PERCHLORATE 2 - CA		0.500	0	0	0	--	--	0
PROPOSITION 65 - CA		1.000	0	0	0	0	--	0
RFR - CA		SP	0	--	--	--	--	0
SWAT - CA		SP	0	--	--	--	--	0
WDS - CA		SP	0	--	--	--	--	0
WILDLANDS - CA		1.000	0	0	0	0	--	0
WIP - CA		0.250	0	0	--	--	--	0
BP HW OUT_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
BUSINESS INVENTORY_SAN MATEO COUNTY - CA		0.250	0	0	--	--	--	0
CUPA_BUTTE COUNTY - CA		0.250	0	0	--	--	--	0
CUPA_FRESNO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_AMADOR COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_ANTELOPE VALLEY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_BAY AREA - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_BUTTE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_CALAVERAS COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_COLUSA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_EASTERN KERN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_EL DORADO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_FEATHER RIVER - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_GLENN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_GREAT BASIN UNIFIED - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_IMPERIAL COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_LAKE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_LASSEN COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_MENDOCINO COUNTY - CA		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
DRYCLEANERS_MOJAVE DESERT - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_MONTEREY BAY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_NORTH COAST UNIFIED - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_NORTHERN SIERRA - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_NORTHERN SONOMA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_PLACER COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SACRAMENTO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN DIEGO COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN JOAQUIN VALLEY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SAN LUIS OBISPO - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SANTA BARBARA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SHASTA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SISKIYOU COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_SOUTH COAST - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_TEHAMA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_TUOLUMNE COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_VENTURA COUNTY - CA		0.250	0	0	--	--	--	0
DRYCLEANERS_YOLO-SOLANO COUNTIES - CA		0.250	0	0	--	--	--	0
GCC_SANTA CLARA VALLEY - CA		0.500	0	0	0	--	--	0
HAZMAT INCIDENT_CONTRA COSTA COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_CITY OF SAN JOSE - CA		0.250	0	0	--	--	--	0
HAZMAT_SACRAMENTO COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_SAN BERNARDINO COUNTY - CA		0.250	0	0	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
HAZMAT_SAN DIEGO COUNTY - CA		0.250	0	0	--	--	--	0
HAZMAT_SANTA CLARA COUNTY - CA		0.250	0	0	--	--	--	0
HIST HMS_LOS ANGELES COUNTY - CA		0.250	0	0	--	--	--	0
HMS_LOS ANGELES COUNTY - CA		0.250	0	0	--	--	--	0
LOP_SANTA CLARA COUNTY - CA		0.500	0	0	0	--	--	0
SITES INVENTORY_VENTURA COUNTY - CA		1.000	0	0	0	0	--	0
SMU_SANTA BARBARA COUNTY - CA		1.000	0	0	2	4	--	6
VCCP_VENTURA COUNTY - CA		0.500	0	0	0	--	--	0
OTHER								
SEISMIC - CA		1.000	0	0	0	0	--	0

Map Id: A1
Direction: NE
Distance: 0.155 mi.
Actual: 820.313 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : KELSEY AND SON CHEVROLET
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, RCRA_SQG]

Envirosite ID: 442077051
EPA ID: CAD029460367

ECHO

Facility Name :	KELSEY AND SON CHEVROLET
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 93427
County :	SANTA BARBARA

Site Details

Last Inspection Date :	N/R
Registry ID :	110005994040
FIPS Code :	06083
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	Santa Ynez Band of Chumash Mission Indians of the Santa Ynez Reservation, California - 6.3 mile(s)
Derived HUC :	18060010
Derived WBD :	180600100602
Derived STCTY FIPS :	06083
Derived Zip :	93427
Derived CD113 :	24
Derived CB2010 :	060830019014030
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R

Map Id: A1
Direction: NE
Distance: 0.155 mi.
Actual: 820.313 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : KELSEY AND SON CHEVROLET
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, RCRA_SQG] ***(cont.)***

Envirosite ID: 442077051
EPA ID: CAD029460367

ECHO ***(cont.)***

CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC :	N/R
Facility NAICS :	44111 - New Car Dealers
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	34.617241
Longitude :	-120.203536
Last Date in Agency List :	07/15/2019

FRS

Facility Name :	KELSEY AND SON CHEVROLET
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 93427-9601
County :	SANTA BARBARA
Registry ID :	110005994040
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	08/12/2019

Source Description :

HWTS-DATAMART provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Map Id: A1
Direction: NE
Distance: 0.155 mi.
Actual: 820.313 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : KELSEY AND SON CHEVROLET
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, RCRA_SQG] ***(cont.)***

Envirosite ID: 442077051
EPA ID: CAD029460367

FRS ***(cont.)***

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 61734 HWTS-DATAMART - CAD029460367 RCRAINFO - CAD029460367

RCRA_SQG

Facility Name :	KELSEY AND SON CHEVROLET
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 93427
County :	SANTA BARBARA
Date Form Received by Agency :	06/13/1986
EPA ID :	CAD029460367
Mailing Address :	P O OX "T", BUELLTON, CA 93427
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	390 HIGHWAY 246, BUELLTON, CA 93427
Contact Country :	US
Contact Telephone :	805-688-3231
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	02/14/2020

Map Id: A1
Direction: NE
Distance: 0.155 mi.
Actual: 820.313 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : KELSEY AND SON CHEVROLET
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, RCRA_SQG] ***(cont.)***

Envirosite ID: 442077051
EPA ID: CAD029460367

RCRA_SQG ***(cont.)***

Owner/Operator Summary

Owner/Operator Name :	KELSEY AND SONS CHEVY
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA]

Envirosite ID: 30949472
EPA ID: CAD029460367

ECHO

Facility Name :	RIO VISTA CHEVROLET INC
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 93427
County :	SANTA BARBARA

Site Details

Last Inspection Date :	N/R
Registry ID :	110005994040
FIPS Code :	06083
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation Identified
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	Santa Ynez Band of Chumash Mission Indians of the Santa Ynez Reservation, California - 6.3 mile(s)
Derived HUC :	18060010
Derived WBD :	180600100602
Derived STCTY FIPS :	06083
Derived Zip :	93427
Derived CD113 :	24
Derived CB2010 :	060830019014030
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

ECHO ***(cont.)***

CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC :	N/R
Facility NAICS :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	34.617241
Longitude :	-120.203536
Last Date in Agency List :	02/10/2020

FRS

Facility Name :	RIO VISTA CHEVROLET INC
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 93427-9601
County :	SANTA BARBARA
Registry ID :	110005994040
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	12/12/2019

Source Description :

HWTS-DATAMART provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

FRS ***(cont.)***

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 61734 HWTS-DATAMART - CAD029460367 RCRAINFO - CAD029460367

HAZNET - CA

Facility Name :	RIO VISTA CHEVROLET INC
Facility Address :	390 HIGHWAY 246, BUELLTON, CA 934270000
County :	Santa Barbara

Site Details

Contact Name :	JESUS CARLOS
Facility Mailing Address :	PO BOX 1639, BUELLTON, CA 934271639
Contact Phone :	8056883231
Last Date in Agency List :	09/24/2015

Waste Generator Summary

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD093459485
TSDF Disposal County :	Fresno
State Waste :	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method :	Transfer station
Tons :	0.1959
Tanner Year :	1994

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD093459485
TSDF Disposal County :	Fresno

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

HAZNET - CA ***(cont.)***

State Waste :	Unspecified solvent mixture
Disposal Method :	Transfer station
Tons :	0.0144
Tanner Year :	1995

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD093459485
TSDF Disposal County :	Fresno
State Waste :	Unspecified solvent mixture
Disposal Method :	Transfer station
Tons :	0.0144
Tanner Year :	1996

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Blank
Tons :	0.42
Tanner Year :	1993

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.231
Tanner Year :	1997

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.441
Tanner Year :	1993

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.525
Tanner Year :	1998

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

HAZNET - CA ***(cont.)***

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	1.218
Tanner Year :	1996

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	2.688
Tanner Year :	1995

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	2.73
Tanner Year :	1994

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Blank or unknown
Disposal Method :	Transfer station
Tons :	0
Tanner Year :	1993

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD980887418
TSDF Disposal County :	Alameda
State Waste :	Waste oil and mixed oil
Disposal Method :	Transfer station
Tons :	0.152
Tanner Year :	1996

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAD982446858
TSDF Disposal County :	Santa Barbara
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Recycler
Tons :	0.168

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

HAZNET - CA ***(cont.)***

Tanner Year : 1998

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446858
TSDF Disposal County : Santa Barbara
State Waste : Aqueous solution with total organic residues less than 10 percent
Disposal Method : Transfer station
Tons : 1.239
Tanner Year : 2000

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446858
TSDF Disposal County : Santa Barbara
State Waste : Aqueous solution with total organic residues less than 10 percent
Disposal Method : Transfer station
Tons : 1.68
Tanner Year : 1998

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446858
TSDF Disposal County : Santa Barbara
State Waste : Aqueous solution with total organic residues less than 10 percent
Disposal Method : Transfer station
Tons : 1.848
Tanner Year : 1996

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446858
TSDF Disposal County : Santa Barbara
State Waste : Aqueous solution with total organic residues less than 10 percent
Disposal Method : Transfer station
Tons : 2.184
Tanner Year : 1999

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446858
TSDF Disposal County : Santa Barbara
State Waste : Aqueous solution with total organic residues less than 10 percent
Disposal Method : Transfer station
Tons : 3.339
Tanner Year : 1997

Generator EPA ID : CAD029460367
Generator County : Santa Barbara
TSDF EPA ID : CAD982446882
TSDF Disposal County : Fresno

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

HAZNET - CA ***(cont.)***

State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.231
Tanner Year :	1998

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT000613893
TSDF Disposal County :	Los Angeles
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.0168
Tanner Year :	2004

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT000613893
TSDF Disposal County :	Los Angeles
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.0378
Tanner Year :	2001

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT000613893
TSDF Disposal County :	Los Angeles
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.042
Tanner Year :	2000

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT000613893
TSDF Disposal County :	Los Angeles
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.042
Tanner Year :	2003

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT000613893
TSDF Disposal County :	Los Angeles
State Waste :	Aqueous solution with total organic residues less than 10 percent
Disposal Method :	Transfer station
Tons :	0.0756
Tanner Year :	2002

Map Id: A2
Direction: NE
Distance: 0.156 mi.
Actual: 821.213 ft.
Elevation: 0.067 mi. / 352.096 ft.
Relative: Higher

Site Name : RIO VISTA CHEVROLET INC
390 HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [ECHO, FRS, HAZNET - CA] ***(cont.)***

Envirosite ID: 30949472
EPA ID: CAD029460367

HAZNET - CA ***(cont.)***

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT080013352
TSDF Disposal County :	Los Angeles
State Waste :	Unspecified oil-containing waste
Disposal Method :	Recycler
Tons :	0.2085
Tanner Year :	2005

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT080013352
TSDF Disposal County :	Los Angeles
State Waste :	Unspecified oil-containing waste
Disposal Method :	Recycler
Tons :	0.31275
Tanner Year :	2003

Generator EPA ID :	CAD029460367
Generator County :	Santa Barbara
TSDF EPA ID :	CAT080013352
TSDF Disposal County :	Los Angeles
State Waste :	Unspecified oil-containing waste
Disposal Method :	Recycler
Tons :	0.31275
Tanner Year :	2004

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA]

Envirosite ID: 9795326
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	Granite Buellton
Facility Address :	610 HWY 246 E, BUELLTON, 93427

Site ID :	207979
EI ID :	T0608388108
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	34.605172
Longitude :	-120.178327
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795326
EPA ID: N/R

FRS

Facility Name :	GRANITE BUELLTON
Facility Address :	610 HWY 246 E, BUELLTON, CA 93427
County :	SANTA BARBARA
Registry ID :	110065608925
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	12/12/2019

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 207979

LUST REG 3 - CA

Facility Name :	Granite Buellton
Facility Address :	610 Hwy 246 E, Buellton, CA 93427
County :	Santa Barbara

Site Details

Status Date :	05/17/2012
Status :	Completed - Case Closed
Begin Date :	09/06/2001
Global ID :	T0608388108
Region :	REGION 3
Site History :	historical LUSTIS release COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES
RB Case Number :	3445
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Asphalt, Gasoline
Local Agency :	SANTA BARBARA COUNTY LOP
Local Case Number :	80015
Lead Agency :	SANTA BARBARA COUNTY LOP
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	NO
Caseworker :	CSB
Case Type :	LUST Cleanup Site
How Discovered :	Visual
How Discovered Description :	N/R
Stop Method :	Close and Remove Tank
Stop Description :	close & remove USTs
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795326
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.605172
Longitude :	-120.178327
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	T0608388108
Contact Name :	Closed Santa Barbara Co LOP Sites
Contact Type :	Local Agency Caseworker
Organization Name :	SANTA BARBARA COUNTY LOP
Address :	2125 S. Centerpointe Parkway, Suite #333
City :	Santa Maria
Phone Number :	8053468460
Email :	N/R

Global ID :	T0608388108
Contact Name :	RB3 STAFF
Contact Type :	Regional Board Caseworker
Organization Name :	CENTRAL COAST RWQCB (REGION 3)
Address :	895 AEROVISTA PL, SUITE 101
City :	SAN LUIS OBISPO
Phone Number :	8055493147
Email :	centralcoast@waterboards.ca.gov

Regulatory Activities

Date :	05/17/2012
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Closure/No Further Action Letter

Date :	05/17/2012
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Other Report / Document

Date :	03/20/2012
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Staff Letter

Date :	06/30/2011
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Correspondence

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795326
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Date :	02/24/2009
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	09/24/2008
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	08/14/2003
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	01/07/2003
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Warning Letter
Date :	11/19/2002
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Warning Letter
Date :	11/01/2002
Global ID :	T0608388108
Action Type :	ENFORCEMENT
Action :	Unauthorized Release Form
Date :	08/01/2002
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	06/28/2002
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Monitoring Report - Other
Date :	06/12/2002
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	01/21/2002
Global ID :	T0608388108

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795326
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Action Type : RESPONSE
Action : Request for Closure

Date : 11/29/2001
Global ID : T0608388108
Action Type : RESPONSE
Action : Request for Closure

Date : 11/28/2001
Global ID : T0608388108
Action Type : RESPONSE
Action : Other Report / Document

Date : 10/29/2001
Global ID : T0608388108
Action Type : RESPONSE
Action : Tank Removal Report / UST Sampling Report

Date : 09/06/2001
Global ID : T0608388108
Action Type : Other
Action : Leak Discovery

Date : 09/06/2001
Global ID : T0608388108
Action Type : Other
Action : Leak Reported

Date : 09/06/2001
Global ID : T0608388108
Action Type : Other
Action : Leak Stopped

Date : 09/06/2001
Global ID : T0608388108
Action Type : RESPONSE
Action : Other Report / Document

Date : 06/01/2001
Global ID : T0608388108
Action Type : REMEDIATION
Action : Excavation

Date : 05/29/2001
Global ID : T0608388108
Action Type : RESPONSE
Action : Other Report / Document

Map Id: 3
Direction: N
Distance: 0.192 mi.
Actual: 1015.146 ft.
Elevation: 0.067 mi. / 351.578 ft.
Relative: Higher

Site Name : GRANITE BUELLTON
610 HWY 246 E
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795326
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Date :	04/20/2001
Global ID :	T0608388108
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	01/01/2001
Global ID :	T0608388108
Action Type :	Other
Action :	Leak Began

Status History

Status Date :	05/17/2012
Global ID :	T0608388108
Status :	Completed - Case Closed
Status Date :	12/14/2001
Global ID :	T0608388108
Status :	Open - Verification Monitoring
Status Date :	11/03/2001
Global ID :	T0608388108
Status :	Open - Remediation
Status Date :	09/06/2001
Global ID :	T0608388108
Status :	Open - Case Begin Date
Status Date :	09/06/2001
Global ID :	T0608388108
Status :	Open - Site Assessment

Map Id: 4
Direction: SE
Distance: 0.193 mi.
Actual: 1019.616 ft.
Elevation: 0.061 mi. / 323.389 ft.
Relative: Higher

Site Name : BUELLTON 5 ACRE BUILDING
INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA]

Envirosite ID: 405577225
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	Buellton 5 Acre Building
Facility Address :	INDUSTRIAL WAY, BUELLTON, 93427

Map Id: 4
Direction: SE
Distance: 0.193 mi.
Actual: 1019.616 ft.
Elevation: 0.061 mi. / 323.389 ft.
Relative: Higher

Site Name : BUELLTON 5 ACRE BUILDING
INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA] ***(cont.)***

Envirosite ID: 405577225
EPA ID: N/R

CALEPA SITES - CA ***(cont.)***

Site ID :	528005
EI ID :	865638
EI Description :	Construction Storm Water
Latitude :	34.609690
Longitude :	-120.203610
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

CIWQS - CA

Facility Name :	Buellton 5 Acre Building
Facility Address :	Industrial Way Buellton, CA, 93427
County :	Santa Barbara

Site Details

Place ID :	S865638
Agency Name :	MOJO Development V
Last Date in Agency List :	02/04/2020

NPDES - CA

Facility Name :	Buellton 5 Acre Building
Facility Address :	Industrial Way, Buellton, 93427
County :	Santa Barbara

Site Details

Effective Date :	07/24/2018
Adoption Date :	N/R
Expiration Date :	N/R
Termination Date :	N/R
Order Number :	2009-0009-DWQ
NPDES Number :	CAS000002
WDID :	3 42C384080
RM Status :	Active
Reg Meas ID :	499569
Reg Meas Type :	Enrollee
Program :	Construction
Facility Place ID :	N/R
Region Code :	3
Discharger ID :	0
Discharger :	MOJO Development V
Discharger Address :	209 West Alamar Avenue, Suite A, Santa Barbara, California 93105
Last Date in Agency List :	01/23/2020

RFR - CA

Facility Name :	Buellton 5 Acre Building
Facility Address :	Industrial Way, Buellton, CA 93427
County :	Santa Barbara

Map Id: 4
Direction: SE
Distance: 0.193 mi.
Actual: 1019.616 ft.
Elevation: 0.061 mi. / 323.389 ft.
Relative: Higher

Site Name : BUELLTON 5 ACRE BUILDING
INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, CIWQS - CA, NPDES - CA, RFR - CA] ***(cont.)***

Envirosite ID: 405577225
EPA ID: N/R

RFR - CA ***(cont.)***

Site Details

Effective Date :	07/24/2018
Adoption Date :	N/R
Termination Date :	N/R
Expiration/Review Date :	N/R
NPDES Number :	CAS000002
Order Number :	2009-0009-DWQ
WDID :	3 42C384080
SIC/NAICS :	N/R
Program :	CONSTW
Regulatory Measure Status :	Active
Regulatory Measure Type :	Storm water construction
Place/Project Type :	Construction - Industrial
Region :	3
Design Flow :	N/R
Major/Minor :	N/R
Complexity :	N/R
TTWQ :	N/R
Number of Enforcement Actions within Five Years:	N/R
Number of Violations within Five Years:	N/R
Agency :	MOJO Development V
Agency Address :	209 West Alamar Avenue, Suite A Suite A, Santa Barbara, CA 93105
Latitude :	34.60969
Longitude :	-120.20361
Last Date in Agency List :	01/27/2020

Map Id: 5
Direction: ESE
Distance: 0.277 mi.
Actual: 1462.906 ft.
Elevation: 0.064 mi. / 338.474 ft.
Relative: Higher

Site Name : ARTIS, INC.
82 & 85 INDUSTRIAL WAY
BUELLTON, CA 93455

Database(s) : [CALEPA SITES - CA, SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 402772142
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	Artis, Inc.
Facility Address :	82 & 85 INDUSTRIAL WAY, BUELLTON, 93455
Site ID :	366666
EI ID :	T10000008762
EI Description :	Cleanup Program Site
Latitude :	34.611770
Longitude :	-120.201330
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

Map Id: 5
Direction: ESE
Distance: 0.277 mi.
Actual: 1462.906 ft.
Elevation: 0.064 mi. / 338.474 ft.
Relative: Higher

Site Name : ARTIS, INC.
82 & 85 INDUSTRIAL WAY
BUELLTON, CA 93455

Database(s) : [CALEPA SITES - CA, SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA] ***(cont.)***

Envirosite ID: 402772142
EPA ID: N/R

SLIC REG 3 - CA

Facility Name :	Artis, Inc.
Facility Address :	82 & 85 Industrial Way, Buellton, CA 93455
County :	Santa Barbara

Site Details

Status Date :	07/27/1995
Status :	Completed - Case Closed
Begin Date :	05/11/1995
Global ID :	T10000008762
Region :	REGION 3
Site History :	N/R
RB Case Number :	N/R
Potential Media Affected :	N/R
Potential Contaminants of Concern :	N/R
Local Agency :	N/R
Local Case Number :	273
Lead Agency :	SANTA BARBARA COUNTY
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	NO
Caseworker :	N/R
Case Type :	Cleanup Program Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.61177
Longitude :	-120.20133
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	N/R
Contact Name :	N/R
Contact Type :	N/R
Organization Name :	N/R
Address :	N/R
City :	N/R
Phone Number :	N/R
Email :	N/R

Regulatory Activities

Date :	04/08/2016
Global ID :	T10000008762
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other

Map Id: 5
Direction: ESE
Distance: 0.277 mi.
Actual: 1462.906 ft.
Elevation: 0.064 mi. / 338.474 ft.
Relative: Higher

Site Name : ARTIS, INC.
82 & 85 INDUSTRIAL WAY
BUELLTON, CA 93455

Database(s) : [CALEPA SITES - CA, SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA] ***(cont.)***

Envirosite ID: 402772142
EPA ID: N/R

SLIC REG 3 - CA ***(cont.)***

Date :	07/17/1995
Global ID :	T10000008762
Action Type :	RESPONSE
Action :	Other Report / Document

Date :	07/10/1995
Global ID :	T10000008762
Action Type :	RESPONSE
Action :	Other Report / Document

Date :	07/10/1995
Global ID :	T10000008762
Action Type :	RESPONSE
Action :	Site Investigation

Status History

Status Date :	07/27/1995
Global ID :	T10000008762
Status :	Completed - Case Closed

Status Date :	05/11/1995
Global ID :	T10000008762
Status :	Open - Assessment & Interim Remedial Action

Status Date :	05/11/1995
Global ID :	T10000008762
Status :	Open - Case Begin Date

SMU_Santa Barbara County - CA

Facility Name :	Artis, Inc.
Facility Address :	82 & 85 Industrial Way, Buellton

Site ID :	273
Status :	Closed
Effective Date :	02/25/2010
Open Date :	N/R
Specialist :	Fontes
LUC :	N/R
Date :	N/R
Note :	N/R
Last Date in Agency List :	02/06/2020

Map Id: 6
Direction: ENE
Distance: 0.345 mi.
Actual: 1823.874 ft.
Elevation: 0.069 mi. / 365.125 ft.
Relative: Higher

Site Name : JONATA SCHOOL
301 SECOND ST
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA]

Envirosite ID: 9795435
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	Jonata School
Facility Address :	301 SECOND ST, BUELLTON, 93427
Site ID :	220027
EI ID :	T0608300030
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	34.618766
Longitude :	-120.198996
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

FRS

Facility Name :	JONATA SCHOOL
Facility Address :	301 SECOND ST, BUELLTON, CA 93427
County :	SANTA BARBARA
Registry ID :	110066578545
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	12/12/2019

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 220027

LUST REG 3 - CA

Facility Name :	Jonata School
Facility Address :	301 Second St, BUELLTON, CA 93427
County :	Santa Barbara

Site Details

Status Date :	06/24/1993
Status :	Completed - Case Closed
Begin Date :	03/23/1988
Global ID :	T0608300030
Region :	REGION 3
Site History :	COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES

Map Id: 6
Direction: ENE
Distance: 0.345 mi.
Actual: 1823.874 ft.
Elevation: 0.069 mi. / 365.125 ft.
Relative: Higher

Site Name : JONATA SCHOOL
301 SECOND ST
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795435
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

RB Case Number :	131
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Gasoline
Local Agency :	SANTA BARBARA COUNTY LOP
Local Case Number :	50607
Lead Agency :	SANTA BARBARA COUNTY LOP
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	YES
Caseworker :	CSB
Case Type :	LUST Cleanup Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.618766
Longitude :	-120.198996
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	T0608300030
Contact Name :	Closed Santa Barbara Co LOP Sites
Contact Type :	Local Agency Caseworker
Organization Name :	SANTA BARBARA COUNTY LOP
Address :	2125 S. Centerpointe Parkway, Suite #333
City :	Santa Maria
Phone Number :	8053468460
Email :	N/R

Regulatory Activities

Date :	06/02/2015
Global ID :	T0608300030
Action Type :	ENFORCEMENT
Action :	Closure/No Further Action Letter

Date :	12/20/2010
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Correspondence

Date :	10/10/1995
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Other Report / Document

Map Id: 6
Direction: ENE
Distance: 0.345 mi.
Actual: 1823.874 ft.
Elevation: 0.069 mi. / 365.125 ft.
Relative: Higher

Site Name : JONATA SCHOOL
301 SECOND ST
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795435
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Date :	06/30/1993
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	06/24/1993
Global ID :	T0608300030
Action Type :	ENFORCEMENT
Action :	Closure/No Further Action Letter
Date :	06/24/1993
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	06/18/1993
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	06/17/1993
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	04/28/1993
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Soil and Water Investigation Report
Date :	11/05/1992
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Soil and Water Investigation Report
Date :	11/03/1992
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Soil and Water Investigation Report
Date :	10/12/1992
Global ID :	T0608300030
Action Type :	RESPONSE
Action :	Monitoring Report - Other
Date :	10/25/1990
Global ID :	T0608300030

Map Id: 6
Direction: ENE
Distance: 0.345 mi.
Actual: 1823.874 ft.
Elevation: 0.069 mi. / 365.125 ft.
Relative: Higher

Site Name : JONATA SCHOOL
301 SECOND ST
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795435
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Action Type : RESPONSE
Action : Site Assessment Report

Date : 06/27/1990
Global ID : T0608300030
Action Type : RESPONSE
Action : Site Assessment Report

Date : 03/26/1988
Global ID : T0608300030
Action Type : ENFORCEMENT
Action : Unauthorized Release Form

Date : 03/24/1988
Global ID : T0608300030
Action Type : ENFORCEMENT
Action : Unauthorized Release Form

Date : 03/23/1988
Global ID : T0608300030
Action Type : Other
Action : Leak Discovery

Date : 03/23/1988
Global ID : T0608300030
Action Type : Other
Action : Leak Reported

Status History

Status Date : 06/24/1993
Global ID : T0608300030
Status : Completed - Case Closed

Status Date : 08/05/1992
Global ID : T0608300030
Status : Open - Remediation

Status Date : 08/05/1992
Global ID : T0608300030
Status : Open - Verification Monitoring

Status Date : 12/21/1991
Global ID : T0608300030
Status : Open - Remediation

Map Id: 6
Direction: ENE
Distance: 0.345 mi.
Actual: 1823.874 ft.
Elevation: 0.069 mi. / 365.125 ft.
Relative: Higher

Site Name : JONATA SCHOOL
301 SECOND ST
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795435
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Status Date :	05/18/1989
Global ID :	T0608300030
Status :	Open - Site Assessment
Status Date :	04/20/1988
Global ID :	T0608300030
Status :	Open - Site Assessment
Status Date :	04/08/1988
Global ID :	T0608300030
Status :	Open - Site Assessment
Status Date :	03/23/1988
Global ID :	T0608300030
Status :	Open - Case Begin Date
Status Date :	03/23/1988
Global ID :	T0608300030
Status :	Open - Site Assessment

Map Id: B7
Direction: NNW
Distance: 0.359 mi.
Actual: 1893.991 ft.
Elevation: 0.067 mi. / 354.278 ft.
Relative: Higher

Site Name : GARDENER RANCH
600 E HWY 246
BUELLTON, CA

Database(s) : [SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 421578618
EPA ID: N/R

SMU_Santa Barbara County - CA

Facility Name :	Gardener Ranch
Facility Address :	600 E Hwy 246, Buellton
Site ID :	561
Status :	Inactive
Effective Date :	12/05/2012
Open Date :	01/20/2006
Specialist :	Sulka
LUC :	N/R
Date :	N/R
Note :	N/R
Last Date in Agency List :	02/06/2020

Map Id: B8
Direction: NNW
Distance: 0.363 mi.
Actual: 1919.089 ft.
Elevation: N/R
Relative: N/R

Site Name : N/R
34.5854225, -120.05793328
CA

Database(s) : [HIGH FIRE - CA]

Envirosite ID: 440945035
EPA ID: N/R

HIGH FIRE - CA

State Responsibility Areas : Yes
Haz Code : 1
Haz Class : Moderate

State Responsibility Areas : Yes
Haz Code : 2
Haz Class : High

Map Id: 9
Direction: ENE
Distance: 0.431 mi.
Actual: 2274.177 ft.
Elevation: 0.07 mi. / 368.104 ft.
Relative: Higher

Site Name : PRIVATE RESIDENCE
PRIVATE RESIDENCE
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA]

Envirosite ID: 9795804
EPA ID: N/R

CALEPA SITES - CA

Facility Name : PRIVATE RESIDENCE
Facility Address : PRIVATE RESIDENCE, BUELLTON, 93427

Site ID : 245308
EI ID : T0608300143
EI Description : Leaking Underground Storage Tank Cleanup Site
Latitude : 34.617126
Longitude : -120.197259
Agency Hyperlink : Click here for hyperlink provided by the agency.
Last Date in Agency List : 02/19/2020

FRS

Facility Name : PRIVATE RESIDENCE
Facility Address : PRIVATE RESIDENCE, BUELLTON, CA 93427
County : SANTA BARBARA

Registry ID : 110066074526
FRS Facility URL : Click here for hyperlink provided by the agency.
Last Date in Agency List : 12/12/2019

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Map Id: 9
Direction: ENE
Distance: 0.431 mi.
Actual: 2274.177 ft.
Elevation: 0.07 mi. / 368.104 ft.
Relative: Higher

Site Name : PRIVATE RESIDENCE
PRIVATE RESIDENCE
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795804
EPA ID: N/R

FRS ***(cont.)***

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 191737 CA-ENVIROVIEW - 245308

LUST REG 3 - CA

Facility Name :	PRIVATE RESIDENCE
Facility Address :	PRIVATE RESIDENCE, BUELLTON, CA 93427
County :	Santa Barbara

Site Details

Status Date :	09/01/1992
Status :	Completed - Case Closed
Begin Date :	11/21/1989
Global ID :	T0608300143
Region :	REGION 3
Site History :	COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES
RB Case Number :	2167
Potential Media Affected :	Soil
Potential Contaminants of Concern :	Diesel
Local Agency :	SANTA BARBARA COUNTY LOP
Local Case Number :	80011
Lead Agency :	SANTA BARBARA COUNTY LOP
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	NO
Caseworker :	CSB
Case Type :	LUST Cleanup Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.6171257
Longitude :	-120.1972591
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	T0608300143
Contact Name :	Closed Santa Barbara Co LOP Sites
Contact Type :	Local Agency Caseworker
Organization Name :	SANTA BARBARA COUNTY LOP
Address :	2125 S. Centerpointe Parkway, Suite #333
City :	Santa Maria
Phone Number :	8053468460
Email :	N/R

Map Id: 9
Direction: ENE
Distance: 0.431 mi.
Actual: 2274.177 ft.
Elevation: 0.07 mi. / 368.104 ft.
Relative: Higher

Site Name : PRIVATE RESIDENCE
PRIVATE RESIDENCE
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795804
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Regulatory Activities

Date :	04/20/2015
Global ID :	T0608300143
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	09/02/1992
Global ID :	T0608300143
Action Type :	ENFORCEMENT
Action :	Closure/No Further Action Letter
Date :	04/29/1992
Global ID :	T0608300143
Action Type :	ENFORCEMENT
Action :	Unauthorized Release Form
Date :	11/21/1989
Global ID :	T0608300143
Action Type :	Other
Action :	Leak Discovery
Date :	11/21/1989
Global ID :	T0608300143
Action Type :	Other
Action :	Leak Reported

Status History

Status Date :	09/01/1992
Global ID :	T0608300143
Status :	Completed - Case Closed
Status Date :	07/23/1991
Global ID :	T0608300143
Status :	Open - Remediation
Status Date :	12/19/1990
Global ID :	T0608300143
Status :	Open - Site Assessment
Status Date :	12/14/1990
Global ID :	T0608300143
Status :	Open - Site Assessment
Status Date :	12/08/1989
Global ID :	T0608300143
Status :	Open - Site Assessment

Map Id: 9
Direction: ENE
Distance: 0.431 mi.
Actual: 2274.177 ft.
Elevation: 0.07 mi. / 368.104 ft.
Relative: Higher

Site Name : PRIVATE RESIDENCE
PRIVATE RESIDENCE
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795804
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Status Date :	11/21/1989
Global ID :	T0608300143
Status :	Open - Case Begin Date
Status Date :	11/21/1989
Global ID :	T0608300143
Status :	Open - Site Assessment

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA]

Envirosite ID: 9795894
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	S. B. County Fire Station #31
Facility Address :	168 HWY 246 W, BUELLTON, 93427
Site ID :	217899
EI ID :	T0608353210
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	34.613198
Longitude :	-120.196645
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

FRS

Facility Name :	S. B. COUNTY FIRE STATION #31
Facility Address :	168 HWY 246 W, BUELLTON, CA 93427
County :	SANTA BARBARA
Registry ID :	110066494378
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	12/12/2019

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

FRS ***(cont.)***

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 217899

LUST REG 3 - CA

Facility Name :	S. B. County Fire Station #31
Facility Address :	168 HWY 246 W, Buellton, CA 93427
County :	Santa Barbara

Site Details

Status Date :	07/27/2012
Status :	Completed - Case Closed
Begin Date :	07/17/1988
Global ID :	T0608353210
Region :	REGION 3
Site History :	- Historical LUSTIS Cleanup Action : other COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES
RB Case Number :	3571
Potential Media Affected :	Soil, Soil Vapor
Potential Contaminants of Concern :	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Local Agency :	SANTA BARBARA COUNTY LOP
Local Case Number :	520381
Lead Agency :	SANTA BARBARA COUNTY LOP
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	NO
Caseworker :	CSB
Case Type :	LUST Cleanup Site
How Discovered :	Tank Closure
How Discovered Description :	N/R
Stop Method :	Close and Remove Tank
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.6131976
Longitude :	-120.19664516
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	T0608353210
Contact Name :	Closed Santa Barbara Co LOP Sites
Contact Type :	Local Agency Caseworker
Organization Name :	SANTA BARBARA COUNTY LOP
Address :	2125 S. Centerpointe Parkway, Suite #333
City :	Santa Maria
Phone Number :	8053468460
Email :	N/R

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Regulatory Activities

Date :	07/27/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Closure/No Further Action Letter
Date :	06/21/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	06/20/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	LOP Case Closure Summary to RB
Date :	06/20/2012
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Well Destruction Report
Date :	05/16/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Staff Letter
Date :	05/10/2012
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	04/16/2012
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Well Destruction Workplan
Date :	03/20/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Notification - Public Notice of Case Closure
Date :	03/20/2012
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Staff Letter

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Date :	09/16/2010
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Correspondence
Date :	05/28/2010
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	04/07/2010
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	04/05/2010
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	04/02/2009
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Staff Letter
Date :	03/16/2009
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	09/25/2008
Global ID :	T0608353210
Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	09/11/2008
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Proposed Plan
Date :	03/04/2008
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	08/14/2007
Global ID :	T0608353210

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Action Type :	ENFORCEMENT
Action :	Technical Correspondence / Assistance / Other
Date :	07/21/2006
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	04/28/2006
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	01/19/2006
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	06/30/2005
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	10/12/2004
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	08/27/2004
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	07/19/2004
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	04/30/2004
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document
Date :	11/05/2003
Global ID :	T0608353210
Action Type :	RESPONSE
Action :	Other Report / Document

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Date : 07/30/2003
Global ID : T0608353210
Action Type : RESPONSE
Action : Other Report / Document

Date : 02/13/2003
Global ID : T0608353210
Action Type : RESPONSE
Action : Other Report / Document

Date : 06/28/1998
Global ID : T0608353210
Action Type : Other
Action : Leak Reported

Date : 01/25/1990
Global ID : T0608353210
Action Type : Other
Action : Leak Stopped

Date : 06/20/1989
Global ID : T0608353210
Action Type : REMEDIATION
Action : Other (Use Description Field)

Date : 03/27/1989
Global ID : T0608353210
Action Type : RESPONSE
Action : Other Report / Document

Date : 07/17/1988
Global ID : T0608353210
Action Type : Other
Action : Leak Discovery

Status History

Status Date : 07/27/2012
Global ID : T0608353210
Status : Completed - Case Closed

Status Date : 03/12/2010
Global ID : T0608353210
Status : Open - Verification Monitoring

Status Date : 11/13/2003
Global ID : T0608353210

Map Id: C10
Direction: E
Distance: 0.438 mi.
Actual: 2311.369 ft.
Elevation: 0.068 mi. / 360.784 ft.
Relative: Higher

Site Name : S. B. COUNTY FIRE STATION #31
168 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795894
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Status :	Open - Remediation
Status Date :	11/05/2003
Global ID :	T0608353210
Status :	Open - Site Assessment
Status Date :	02/12/2003
Global ID :	T0608353210
Status :	Open - Site Assessment
Status Date :	10/15/1988
Global ID :	T0608353210
Status :	Open - Site Assessment
Status Date :	07/17/1988
Global ID :	T0608353210
Status :	Open - Case Begin Date

Map Id: C11
Direction: E
Distance: 0.442 mi.
Actual: 2333.410 ft.
Elevation: 0.068 mi. / 360.41 ft.
Relative: Higher

Site Name : SANTA BARBARA FIRE STATION #31
164 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA]

Envirosite ID: 9795977
EPA ID: N/R

CALEPA SITES - CA

Facility Name :	Santa Barbara Fire Station #31
Facility Address :	164 HWY 246 W, BUELLTON, 93427
Site ID :	228239
EI ID :	T0608300619
EI Description :	Leaking Underground Storage Tank Cleanup Site
Latitude :	34.613190
Longitude :	-120.196640
Agency Hyperlink :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	02/19/2020

FRS

Facility Name :	SANTA BARBARA FIRE STATION #31
Facility Address :	164 HWY 246 W, BUELLTON, CA 93427
County :	SANTA BARBARA

Map Id: C11
Direction: E
Distance: 0.442 mi.
Actual: 2333.410 ft.
Elevation: 0.068 mi. / 360.41 ft.
Relative: Higher

Site Name : SANTA BARBARA FIRE STATION #31
164 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795977
EPA ID: N/R

FRS ***(cont.)***

Registry ID :	110065106343
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	12/12/2019

Source Description :

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS), EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), and Toxic Release Inventory (TRI).

FRS Environmental Interest

Source and System ID :	CA-ENVIROVIEW - 228239

LUST REG 3 - CA

Facility Name :	Santa Barbara Fire Station #31
Facility Address :	164 Hwy 246 W, BUELLTON, CA 93427
County :	Santa Barbara

Site Details

Status Date :	12/23/1997
Status :	Completed - Case Closed
Begin Date :	06/22/1988
Global ID :	T0608300619
Region :	REGION 3
Site History :	COMPLETE LOP FILE HAS BEEN UPLOADED TO GEOTRACKER WEBSITE - HARD COPIES NO LONGER EXIST IN LOP FILES
RB Case Number :	3188
Potential Media Affected :	Aquifer used for drinking water supply
Potential Contaminants of Concern :	Gasoline
Local Agency :	SANTA BARBARA COUNTY LOP
Local Case Number :	52038
Lead Agency :	SANTA BARBARA COUNTY LOP
File Location :	All Files are on GeoTracker or in the Local Agency Database
CUF Case :	YES
Caseworker :	CSB
Case Type :	LUST Cleanup Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.61319
Longitude :	-120.19664
Agency URL :	Click here for hyperlink provided by the agency.

Map Id: C11
Direction: E
Distance: 0.442 mi.
Actual: 2333.410 ft.
Elevation: 0.068 mi. / 360.41 ft.
Relative: Higher

Site Name : SANTA BARBARA FIRE STATION #31
164 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795977
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Last Date in Agency List : 03/11/2020

Contacts Summary
Global ID : T0608300619
Contact Name : Closed Santa Barbara Co LOP Sites
Contact Type : Local Agency Caseworker
Organization Name : SANTA BARBARA COUNTY LOP
Address : 2125 S. Centerpointe Parkway, Suite #333
City : Santa Maria
Phone Number : 8053468460
Email : N/R

Regulatory Activities
Date : 02/15/2012
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 06/27/2001
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 12/23/1997
Global ID : T0608300619
Action Type : ENFORCEMENT
Action : Closure/No Further Action Letter

Date : 12/23/1997
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 09/02/1997
Global ID : T0608300619
Action Type : ENFORCEMENT
Action : Closure/No Further Action Letter

Date : 09/02/1997
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 08/05/1997
Global ID : T0608300619
Action Type : RESPONSE

Map Id: C11
Direction: E
Distance: 0.442 mi.
Actual: 2333.410 ft.
Elevation: 0.068 mi. / 360.41 ft.
Relative: Higher

Site Name : SANTA BARBARA FIRE STATION #31
164 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795977
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Action : Other Report / Document

Date : 05/06/1997
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 11/02/1993
Global ID : T0608300619
Action Type : RESPONSE
Action : Other Report / Document

Date : 06/27/1988
Global ID : T0608300619
Action Type : ENFORCEMENT
Action : Unauthorized Release Form

Date : 06/22/1988
Global ID : T0608300619
Action Type : Other
Action : Leak Discovery

Date : 06/22/1988
Global ID : T0608300619
Action Type : Other
Action : Leak Reported

Status History

Status Date : 12/23/1997
Global ID : T0608300619
Status : Completed - Case Closed

Status Date : 06/20/1989
Global ID : T0608300619
Status : Open - Site Assessment

Status Date : 10/15/1988
Global ID : T0608300619
Status : Open - Site Assessment

Status Date : 07/07/1988
Global ID : T0608300619
Status : Open - Site Assessment

Map Id: C11
Direction: E
Distance: 0.442 mi.
Actual: 2333.410 ft.
Elevation: 0.068 mi. / 360.41 ft.
Relative: Higher

Site Name : SANTA BARBARA FIRE STATION #31
164 HWY 246 W
BUELLTON, CA 93427

Database(s) : [CALEPA SITES - CA, FRS, LUST REG 3 - CA] ***(cont.)***

Envirosite ID: 9795977
EPA ID: N/R

LUST REG 3 - CA ***(cont.)***

Status Date :	06/22/1988
Global ID :	T0608300619
Status :	Open - Case Begin Date

Map Id: 12
Direction: SSW
Distance: 0.522 mi.
Actual: 2754.276 ft.
Elevation: N/R
Relative: N/R

Site Name : N/R
34.60589577, -120.21757232
CA

Database(s) : [HIGH FIRE - CA]

Envirosite ID: 440945084
EPA ID: N/R

HIGH FIRE - CA

State Responsibility Areas :	Yes
Haz Code :	2
Haz Class :	High

Map Id: 13
Direction: SSE
Distance: 0.675 mi.
Actual: 3561.929 ft.
Elevation: N/R
Relative: N/R

Site Name : N/R
34.60134571, -120.20320242
CA

Database(s) : [HIGH FIRE - CA]

Envirosite ID: 440945058
EPA ID: N/R

HIGH FIRE - CA

State Responsibility Areas :	Yes
Haz Code :	1
Haz Class :	Moderate

Map Id: 14
Direction: E
Distance: 0.716 mi.
Actual: 3781.566 ft.
Elevation: 0.066 mi. / 348.346 ft.
Relative: Higher

Site Name : BEST WESTERN PEA SOUP ANDERSEN'S PAINT SPILL
51 E HWY 246
BUELLTON, CA

Database(s) : [SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 421578370
EPA ID: N/R

SMU_Santa Barbara County - CA

Facility Name :	Best Western Pea Soup Andersen's Paint Spill

Map Id: 14
Direction: E
Distance: 0.716 mi.
Actual: 3781.566 ft.
Elevation: 0.066 mi. / 348.346 ft.
Relative: Higher

Site Name : BEST WESTERN PEA SOUP ANDERSEN'S PAINT SPILL
51 E HWY 246
BUELLTON, CA

Database(s) : [SMU_SANTA BARBARA COUNTY - CA] ***(cont.)***

Envirosite ID: 421578370
EPA ID: N/R

SMU_Santa Barbara County - CA ***(cont.)***

Facility Address :	51 E Hwy 246, Buellton
Site ID :	684
Status :	Closed
Effective Date :	05/15/2013
Open Date :	03/02/2007
Specialist :	Peterson
LUC :	N/R
Date :	N/R
Note :	N/R
Last Date in Agency List :	02/06/2020

Map Id: 15
Direction: SSW
Distance: 0.758 mi.
Actual: 4001.859 ft.
Elevation: N/R
Relative: N/R

Site Name : N/R
34.61195604, -120.24385642
CA

Database(s) : [HIGH FIRE - CA]

Envirosite ID: 440945095
EPA ID: N/R

HIGH FIRE - CA

State Responsibility Areas :	Yes
Haz Code :	3
Haz Class :	Very High

Map Id: 16
Direction: ENE
Distance: 0.813 mi.
Actual: 4291.433 ft.
Elevation: 0.071 mi. / 377.264 ft.
Relative: Higher

Site Name : OLIVIERA'S AUTO REPAIR
611 AVENUE OF THE FLAGS
BUELLTON, CA 93427

Database(s) : [SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 439671119
EPA ID: N/R

SLIC REG 3 - CA

Facility Name :	Oliviera's Auto Repair
Facility Address :	611 Avenue of the Flags, Buellton, CA 93427
County :	Santa Barbara

Site Details

Status Date :	11/05/2019
Status :	Open - Active

Map Id: 16
Direction: ENE
Distance: 0.813 mi.
Actual: 4291.433 ft.
Elevation: 0.071 mi. / 377.264 ft.
Relative: Higher

Site Name : OLIVIERA'S AUTO REPAIR
611 AVENUE OF THE FLAGS
BUELLTON, CA 93427

Database(s) : [SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA] ***(cont.)***

Envirosite ID: 439671119
EPA ID: N/R

SLIC REG 3 - CA ***(cont.)***

Begin Date :	05/13/2019
Global ID :	T10000013759
Region :	REGION 3
Site History :	N/R
RB Case Number :	N/R
Potential Media Affected :	N/R
Potential Contaminants of Concern :	N/R
Local Agency :	SANTA BARBARA COUNTY
Local Case Number :	758
Lead Agency :	SANTA BARBARA COUNTY
File Location :	N/R
CUF Case :	NO
Caseworker :	ESN
Case Type :	Cleanup Program Site
How Discovered :	N/R
How Discovered Description :	N/R
Stop Method :	N/R
Stop Description :	N/R
Calwater Watershed Name :	Santa Ynez - Buellton (314.30)
DWR Groundwater Subbasin Name :	Santa Ynez River Valley (3-015)
Disadvantaged Community :	N/R
Latitude :	34.61871
Longitude :	-120.19108
Agency URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/11/2020

Contacts Summary

Global ID :	T10000013759
Contact Name :	E. STEVEN NAILOR
Contact Type :	Local Agency Caseworker
Organization Name :	SANTA BARBARA COUNTY
Address :	2125 S. CENTERPOINTE PARKWAY, SUITE #333
City :	SANTA MARIA
Phone Number :	N/R
Email :	steve.nailor@sbcphd.org

Regulatory Activities

Date :	10/29/2019
Global ID :	T10000013759
Action Type :	ENFORCEMENT
Action :	Voluntary Remedial Action Agreement
Date :	09/16/2019
Global ID :	T10000013759
Action Type :	ENFORCEMENT
Action :	Letter - Notice
Date :	05/13/2019
Global ID :	T10000013759
Action Type :	RESPONSE

Map Id: 16
Direction: ENE
Distance: 0.813 mi.
Actual: 4291.433 ft.
Elevation: 0.071 mi. / 377.264 ft.
Relative: Higher

Site Name : OLIVIERA'S AUTO REPAIR
611 AVENUE OF THE FLAGS
BUELLTON, CA 93427

Database(s) : [SLIC REG 3 - CA, SMU_SANTA BARBARA COUNTY - CA] ***(cont.)***

Envirosite ID: 439671119
EPA ID: N/R

SLIC REG 3 - CA ***(cont.)***

Action : Site Assessment Report

Status History
Status Date : 11/05/2019
Global ID : T10000013759
Status : Open - Active

Status Date : 05/13/2019
Global ID : T10000013759
Status : Open - Case Begin Date

SMU_Santa Barbara County - CA

Facility Name : Oliviera's Auto Repair
Facility Address : 611 Avenue of the Flags, Buellton

Site ID : 758
Status : Open
Effective Date : Open
Open Date : 10/28/219
Specialist : Nailor
LUC : N/R
Date : N/R
Note : N/R
Last Date in Agency List : 02/06/2020

Map Id: 17
Direction: ESE
Distance: 0.833 mi.
Actual: 4399.322 ft.
Elevation: N/R
Relative: N/R

Site Name : N/R
34.60564717, -120.19208971
CA

Database(s) : [HIGH FIRE - CA]

Envirosite ID: 440945082
EPA ID: N/R

HIGH FIRE - CA

State Responsibility Areas : Yes
Haz Code : 1
Haz Class : Moderate

Map Id: 18
Direction: ENE
Distance: 0.850 mi.
Actual: 4488.244 ft.
Elevation: 0.073 mi. / 384.505 ft.
Relative: Higher

Site Name : EAGLE ENERGY
631 AVE OF THE FLAGS
BUELLTON, CA

Database(s) : [SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 421578518
EPA ID: N/R

SMU_Santa Barbara County - CA

Facility Name :	Eagle Energy
Facility Address :	631 Ave of the Flags, Buellton
Site ID :	546
Status :	Closed
Effective Date :	03/13/2008
Open Date :	08/23/2005
Specialist :	Chircop
LUC :	N/R
Date :	N/R
Note :	N/R
Last Date in Agency List :	02/06/2020

Map Id: 19
Direction: E
Distance: 0.929 mi.
Actual: 4904.216 ft.
Elevation: 0.069 mi. / 363.875 ft.
Relative: Higher

Site Name : ARCO # 9609 DRIVE OFF SITE
197 E HWY 246
BUELLTON, CA

Database(s) : [SMU_SANTA BARBARA COUNTY - CA]

Envirosite ID: 421578346
EPA ID: N/R

SMU_Santa Barbara County - CA

Facility Name :	Arco # 9609 Drive Off Site
Facility Address :	197 E Hwy 246, Buellton
Site ID :	431
Status :	Closed
Effective Date :	05/22/2003
Open Date :	05/12/2003
Specialist :	Nailor
LUC :	N/R
Date :	N/R
Note :	N/R
Last Date in Agency List :	02/06/2020

ENVIROSITE ID	NAME	ADDRESS	CITY	ZIP	DATABASE(S)
421578416	CHERONTEXACO ZACA SUMP #3...	ZACA OIL FIELD	BUELLTON		SMU_SANTA BARBARA...
421578442	CITY OF BUELLTON	100 BLOCK AVE OF FLAGS	BUELLTON		SMU_SANTA BARBARA...
421578872	OFSTEAD PROPERTY	200 MAIL RD	BUELLTON		SMU_SANTA BARBARA...
421578875	OLDPORT SEAFOOD TRUCK ACC...	MILE 61.5 HWY 101	BUELLTON		SMU_SANTA BARBARA...
421578946	RUBIN TRUCKING	HWY 101 & JONATA RD	BUELLTON		SMU_SANTA BARBARA...

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

RCRA_TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

FEDERAL CERCLIS LIST

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 03/16/2020

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 03/16/2020

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 12/19/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8712
Most Recent Contact: 03/16/2020

SEMS_8R_ACTIVE SITES: The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 12/19/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

SEMS_8R_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 04/24/2020

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/26/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 03/30/2020

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

SEMS_DELETED NPL: All Deleted National Priority List Sties

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/17/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 04/20/2020

FEDERAL ERNS LIST

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 01/08/2020
Agency Update Frequency: Annually
Planned Next Contact: 05/20/2020
Agency: National Response Center United States Coast Guard
Agency Contact: N/R
Most Recent Contact: 03/18/2020

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/26/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 03/30/2020

FEDERAL RCRA GENERATORS LIST (cont.)

HIST RCRA_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/26/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 03/30/2020

HIST RCRA_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/26/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 03/30/2020

HIST RCRA_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/26/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 03/30/2020

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 02/10/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

RCRA_VSQG: Resource Conservation and Recovery Act listing of licensed very small quantity generators.

Agency Version Date: 02/10/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/23/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 04/24/2020

FEDERAL NPL SITE LIST

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 03/16/2020

FEDERAL NPL SITE LIST (cont.)

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 03/16/2020

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 03/16/2020

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 03/16/2020

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 03/16/2020

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

SEMS_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

SEMS_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 03/24/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/02/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 03/24/2020

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)

Fed E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 09/30/2013
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 04/01/2020

Fed I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 09/30/2013
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 04/01/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 06/21/2019
Agency Update Frequency: Varies
Planned Next Contact: 07/27/2020
Agency: FEMA
Agency Contact: 202-212-5283
Most Recent Contact: 04/30/2020

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 03/03/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/12/2020
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 03/03/2020

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 10/11/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/08/2020
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 03/30/2020

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 05/18/2020
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 03/09/2020

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 10/10/2019
Agency Update Frequency: Semi Annually
Planned Next Contact: 06/08/2020
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 03/30/2020

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 10/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/28/2020
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 03/19/2020

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 01/23/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 06/29/2020
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 04/02/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 10/11/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/28/2020
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 03/19/2020

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 10/03/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/11/2020
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 03/02/2020

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/08/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/11/2020
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 03/02/2020

AST - CA: Listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act

Agency Version Date: 02/13/2020
Agency Update Frequency: No update
Planned Next Contact: 07/22/2020
Agency: California Environmental Protection Agency Unified Program Section
Agency Contact: 916-327-5092
Most Recent Contact: 04/23/2020

AST_ORANGE COUNTY - CA: Orange county aboveground storage tanks

Agency Version Date: 04/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/29/2020
Agency: Orange County Health Care Agency
Agency Contact: 714-433-6000
Most Recent Contact: 04/02/2020

AST_PLACER COUNTY - CA: Placer county aboveground storage tank sites

Agency Version Date: 03/02/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/25/2020
Agency: Placer County Environmental Health
Agency Contact: 530-745-2350
Most Recent Contact: 02/27/2020

FID UST - CA: The State Water Resource Control Board's Facility Inventory Database underground storage tank locations listing

Agency Version Date: 02/03/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/10/2020
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 04/13/2020

HIST AST - CA: Historical listing of tank facilities that are subject to the California Aboveground Petroleum Storage Act

Agency Version Date: 07/19/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/11/2020
Agency: California Environmental Protection Agency Unified Program Section
Agency Contact: 916-327-5092
Most Recent Contact: 02/19/2020

HIST UST - CA: Historical UST listing

Agency Version Date: 05/25/2016
Agency Update Frequency: Varies
Planned Next Contact: 07/10/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 04/13/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

HIST UST_EL SEGUNDO CITY - CA: List of City of El Segundo Underground Storage Tanks that are no longer in current agency list.

Agency Version Date: 01/29/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/24/2020
Agency: City of El Segundo Fire Department
Agency Contact: 310-524-2242
Most Recent Contact: 04/29/2020

TANKS_CONTRA COSTA COUNTY - CA: Listing of aboveground storage tanks in Contra Costa County

Agency Version Date: 03/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/09/2020
Agency: Contra Costa Health Services Department
Agency Contact: 925-335-3200
Most Recent Contact: 03/11/2020

UST - CA: Listing of active underground storage tank facilities

Agency Version Date: 01/22/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: N/R
Most Recent Contact: 04/01/2020

UST_ORANGE COUNTY - CA: Orange county underground storage tanks

Agency Version Date: 03/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/09/2020
Agency: Orange County Health Care Agency
Agency Contact: 714-433-6000
Most Recent Contact: 03/31/2020

UST_PLACER COUNTY - CA: Placer county underground storage tank sites

Agency Version Date: 03/02/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/25/2020
Agency: Placer County Environmental Health
Agency Contact: 530-745-2350
Most Recent Contact: 02/27/2020

AST_Kern County - CA: Kern County aboveground storage tank sites

Agency Version Date: 01/15/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/10/2020
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 04/13/2020

AST_Yolo County - CA: Yolo county above ground storage tank sites listing

Agency Version Date: 06/13/2019
Agency Update Frequency: Annually
Planned Next Contact: 05/28/2020
Agency: Yolo County Environmental Health
Agency Contact: 530-666-8646
Most Recent Contact: 03/19/2020

CLOSED UST_Ventura County - CA: Ventura County closed underground storage tank site listing

Agency Version Date: 12/26/2018
Agency Update Frequency: Varies
Planned Next Contact: 05/26/2020
Agency: Environmental Health Division
Agency Contact: 805-654-2815
Most Recent Contact: 03/17/2020

HIST UST_Kern County - CA: List of Kern County underground storage tank records that is no longer in current agency list.

Agency Version Date: 11/28/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/06/2020
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 04/09/2020

HIST UST_Sutter County - CA: List of Sutter County Underground Storage Tank records that are no longer in current agency list.

Agency Version Date: 10/22/2018
Agency Update Frequency: Annually
Planned Next Contact: 05/12/2020
Agency: Sutter County Department of Agriculture
Agency Contact: 530-822-7400
Most Recent Contact: 02/21/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

UST_Alameda County - CA: Alameda County Underground Storage Tank sites

Agency Version Date: 01/22/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 04/01/2020

UST_City of Long Beach - CA: City of Long Beach underground storage tank sites

Agency Version Date: 03/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/05/2020
Agency: City of Long Beach Fire Department
Agency Contact: 562-570-6782
Most Recent Contact: 03/09/2020

UST_City of Torrance - CA: City of Torrance underground storage tank sites

Agency Version Date: 01/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/22/2020
Agency: City of Torrance Fire Department
Agency Contact: 310-618-2872
Most Recent Contact: 02/26/2020

UST_El Segundo City - CA: City of El Segundo Underground Storage Tanks

Agency Version Date: 01/29/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/27/2020
Agency: City of El Segundo Fire Department
Agency Contact: 310-524-2242
Most Recent Contact: 04/30/2020

UST_Kern County - CA: Kern County underground storage tank sites

Agency Version Date: 01/15/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/10/2020
Agency: Kern County Environment Health Division
Agency Contact: 661-862-8774
Most Recent Contact: 04/13/2020

UST_Marin County - CA: Marin county underground storage tank sites

Agency Version Date: 08/14/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 06/02/2020
Agency: Marin County Department of Public Works
Agency Contact: 415-473-5051
Most Recent Contact: 03/04/2020

UST_Mendocino County - CA: A listing of underground storage tank locations in Mendocino County

Agency Version Date: 01/22/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 04/01/2020

UST_Napa County - CA: Underground storage tank sites located in Napa county.

Agency Version Date: 01/22/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 04/01/2020

UST_Riverside County - CA: Riverside county underground storage tank sites

Agency Version Date: 01/22/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: N/R
Most Recent Contact: 04/01/2020

UST_San Francisco County - CA: San Francisco county Underground storage tank sites listing

Agency Version Date: 03/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/23/2020
Agency: San Francisco Department of Public Health
Agency Contact: N/R
Most Recent Contact: 03/25/2020

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

UST_San Joaquin County - CA: San Joaquin County Underground storage tank sites listing

Agency Version Date: 01/22/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 04/01/2020

UST_Solano County - CA: Solano county underground storage tank listing

Agency Version Date: 01/22/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/29/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: N/R
Most Recent Contact: 04/01/2020

UST_Sutter County - CA: Sutter county underground storage tank listing

Agency Version Date: 02/25/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/20/2020
Agency: Sutter County Department of Agriculture
Agency Contact: 530-822-7400
Most Recent Contact: 02/24/2020

UST_Yolo County - CA: Yolo county underground storage tank sites listing

Agency Version Date: 12/12/2019
Agency Update Frequency: Annually
Planned Next Contact: 06/01/2020
Agency: Yolo County Environmental Health
Agency Contact: 530-666-8646
Most Recent Contact: 03/03/2020

STATE- AND TRIBAL - EQUIVALENT CERCLIS

ENVIROSTOR - CA: Department of Toxic Substances Controls

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/14/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-327-1077
Most Recent Contact: 04/16/2020

HIST TOXIC PITS - CA: Listing of Toxic Pit Cleanup Act sites that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 02/12/2020

OIL & GAS CLEANUP - CA: List of SWRCB Oil & Gas Cleanup Sites from GeoTracker Site Cleanup Program database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: California Regional Water Quality Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SWRCB CLEANUP - CA: List of SWRCB Cleanups from Geotracker including CAF, Sampling Points, and Projects.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: California Regional Water Quality Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SWRCB NON_CASE - CA: List of SWRCB Non-Case sites from GeoTracker Site Cleanup Program database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: California Regional Water Quality Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

STATE- AND TRIBAL - EQUIVALENT CERCLIS (cont.)

TOXIC PITS - CA: Listing of Toxic Pit Cleanup Act sites

Agency Version Date: 02/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 02/12/2020

STATE- AND TRIBAL - EQUIVALENT NPL

HIST RESPONSE - CA: List of state response sites with confirmed releases and potential high risk that are no longer in current agency list.

Agency Version Date: 10/19/2017
Agency Update Frequency: Annually
Planned Next Contact: 06/11/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-327-1077
Most Recent Contact: 03/13/2020

RESPONSE - CA: State response sites with confirmed releases and potential high risk

Agency Version Date: 02/06/2020
Agency Update Frequency: Annually
Planned Next Contact: 07/14/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-327-1077
Most Recent Contact: 04/16/2020

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

HIST SWF/LF - CA: List of Solid Waste Information System's solid waste facilities and landfills that is no longer in current agency list.

Agency Version Date: 10/01/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/10/2020
Agency: Department of Resources Recycling and Recovery
Agency Contact: 916-341-6066
Most Recent Contact: 03/12/2020

SWF/LF - CA: Solid Waste Information System's facility listing of solid waste facilities and landfills

Agency Version Date: 02/03/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/10/2020
Agency: Department of Resources Recycling and Recovery
Agency Contact: 916-341-6066
Most Recent Contact: 04/13/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 03/03/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/12/2020
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 03/03/2020

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 10/11/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/08/2020
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 03/30/2020

INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 05/18/2020
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 03/09/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 10/10/2019
Agency Update Frequency: Semi Annually
Planned Next Contact: 06/08/2020
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 03/30/2020

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 10/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/28/2020
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 03/19/2020

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 01/13/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/01/2020
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 03/23/2020

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 03/19/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/28/2020
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 03/19/2020

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 10/03/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/29/2020
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 03/20/2020

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 10/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/11/2020
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 03/02/2020

LUST ORANGE COUNTY - CA: Orange county leaking underground storage tanks

Agency Version Date: 02/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/18/2020
Agency: Orange County Health Care Agency
Agency Contact: 714-433-6000
Most Recent Contact: 03/09/2020

LUST REG 1 - CA: Leaking underground storage tanks in Region 1: Del Norte Glenn Humboldt Lake Marin Mendocino Modoc Siskiyou Sonoma andTrinity counties.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 2 - CA: Leaking underground storage tanks in Region 2: Alameda Contra Costa San Francisco Santa Clara (north of Morgan Hill) San Mateo Marin Sonoma Napa Solano counties

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

LUST REG 3 - CA: Leaking underground storage tanks in Region 3: Santa Clara (south of Morgan Hill) San Mateo (southern part) Santa Cruz SanBenito Monterey Kern (some parts) San Luis Obispo Santa Barbara Ventura(northern part) counties

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 4 - CA: Leaking underground storage tanks in Region 4: Los Angeles Ventura counties (Small parts of Kern and Santa Barbara counties).

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 5 - CA: Leaking underground storage tanks in Region 5: Modoc Shasta Lassen Plumas Butte Glen Colusa Lake Sutter Yuba Sierra Nevada Placer Yolo Napa (Northeast) Solano (West) Sacramento El Dorado Amador Calaveras San Joaquin Contra Costa (East) Stanislaus Toulumne Merced Mariposa Madera Kings Fresno Tulare Kern (Very small portions of San Benito and SanLuis Obispo) counties

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 6 - CA: Leaking underground storage tanks in Region 6: Modoc (East) Lassen (East side and Eagle Lake) Sierra Nevada Placer El Dorado Alpine Mono Inyo Kern (East) San Bernardino Los Angeles (Northeast corner) counties

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 7 - CA: Leaking underground storage tanks in Region 7: Imperial San Bernardino Riverside and San Diego counties.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 8 - CA: Leaking underground storage tanks in Region 8: Orange Riverside San Bernardino counties.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST REG 9 - CA: Leaking underground storage tanks in Region 9: San Diego Imperial Riverside counties.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

LUST_SUTTER COUNTY - CA: Sutter County Leaking Underground Storage Tanks

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

SLIC REG 1 - CA: List of Region 1 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

SLIC REG 2 - CA: List of Region 2 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 3 - CA: List of Region 3 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 4 - CA: List of Region 4 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 5 - CA: List of Region 5 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 6 - CA: List of Region 6 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database that is no longer in current agency list.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 7 - CA: List of Region 7 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 8 - CA: List of Region 8 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

SLIC REG 9 - CA: List of Region 9 sites from GeoTracker Site Cleanup Program (formerly known as SLIC) database that is no longer in current agency list.

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

HIST LUST_Sonoma County - CA: List of Sonoma County leaking underground storage tank sites that is no longer in current agency list.

Agency Version Date: 08/23/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/31/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 05/04/2020

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

LUFT_Alameda County - CA: Listing of Alameda County leaking underground fuel tank sites

Agency Version Date: 11/19/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 06/17/2020
Agency: Alameda County Environmental Health Services
Agency Contact: 510-567-6721
Most Recent Contact: 03/19/2020

LUST_HAZMAT_Yolo County - CA: Yolo county leaking underground storage tank sites listing

Agency Version Date: 03/03/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/20/2020
Agency: Yolo County Environmental Health
Agency Contact: 530-666-8646
Most Recent Contact: 02/24/2020

LUST_Kern County - CA: Kern County leaking underground tank sites

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control bo
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_Riverside County - CA: Riverside county leaking underground storage tank sites

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_San Francisco County - CA: A listing of leaking underground storage tank sites located in San Francisco county.

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_San Mateo County - CA: San Mateo county leaking underground storage tank listing

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_Solano County - CA: Solano county leaking underground storage tank listing

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_Sonoma County - CA: Sonoma county leaking underground storage tank sites listing

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

LUST_Ventura County - CA: Ventura County leaking underground storage tank site listing

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: CA Gov geotracker state water resources control board
Agency Contact: 916-341-5791
Most Recent Contact: 03/05/2020

SLIC_Alameda County - CA: Listing of spills leaks investigation & cleanup sites

Agency Version Date: 01/16/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/02/2020
Agency: Alameda County Environmental Health Services
Agency Contact: 510-567-6721
Most Recent Contact: 03/04/2020

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - CA: Voluntary Cleanup Program remediation sites listing

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/14/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/16/2020

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2014
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/13/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 04/15/2020

STATE RCRA GENERATORS LIST

HWG_Yolo County - CA: Listing of permitted hazardous waste generators

Agency Version Date: 03/03/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: Yolo County Environmental Health
Agency Contact: 530-666-8646
Most Recent Contact: 02/24/2020

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 03/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/11/2020
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 03/02/2020

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 08/05/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/19/2020
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 03/23/2020

CDL - CA: Listing of Meth and clandestine drug labs maintained by the Department of Toxic Substances Control

Agency Version Date: 02/05/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/31/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 05/04/2020

CS_PLACER COUNTY - CA: Placer county cleanup sites listing

Agency Version Date: 03/02/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/25/2020
Agency: Placer County Environmental Health
Agency Contact: 530-745-2350
Most Recent Contact: 02/27/2020

SCH - CA: Listing of possible hazardous material contamination sites on existing school properties

Agency Version Date: 03/13/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/22/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/13/2020

CALARP_Kern County - CA: Kern County hazardous material permitted facilities

Agency Version Date: 01/22/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: County of Kern Public Health Services Department
Agency Contact: 661-862-8740
Most Recent Contact: 04/01/2020

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES (cont.)

CASE LIST_San Diego County - CA: San Diego county listing of hazardous chemical releases

Agency Version Date: 03/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/20/2020
Agency: County of San Diego Department of Environmental Health
Agency Contact: 619-338-2259
Most Recent Contact: 03/11/2020

CORRECTIVE ACTION_Riverside County - CA: Riverside county corrective action sites list

Agency Version Date: 11/15/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/13/2020
Agency: Riverside County Environmental Health
Agency Contact: 888-722-4234
Most Recent Contact: 04/15/2020

CS_Napa County - CA: Napa county listing of Contaminated sites

Agency Version Date: 03/17/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/26/2020
Agency: Napa County Department of Environmental Management
Agency Contact: 707-253-4471
Most Recent Contact: 03/17/2020

SITE LIST_Contra Costa County - CA: Listing of underground tank hazardous waste generator and business plan sites in Contra Costa County

Agency Version Date: 03/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/09/2020
Agency: Contra Costa Health Services Department
Agency Contact: 925-335-3200
Most Recent Contact: 03/11/2020

TOXIC SITE_Sacramento County - CA: Sacramento County listing of historical sites where unauthorized releases of potentially hazardous materials have occurred

Agency Version Date: 11/14/2019
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 06/09/2020
Agency: Sacramento County Environmental Management
Agency Contact: 916-875-8550
Most Recent Contact: 03/31/2020

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 02/04/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/13/2020
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 04/15/2020

CHMIRS - CA: California Hazardous Material Incident Reporting System's reported accidental hazardous material incidents releases or spills

Agency Version Date: 01/30/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/08/2020
Agency: California Emergency Management Agency
Agency Contact: 916-845-8275
Most Recent Contact: 02/28/2020

HIST CHMIRS - CA: California Hazardous Material Incident Reporting System's reported accidental hazardous material incidents releases or spills

Agency Version Date: 04/06/2017
Agency Update Frequency: Quarterly
Planned Next Contact: 06/10/2020
Agency: California Emergency Management Agency
Agency Contact: 916-845-8275
Most Recent Contact: 03/12/2020

INDUSTRIAL CLEANUP_Orange County - CA: Petroleum and non-petroleum industrial spills

Agency Version Date: 04/02/2020
Agency Update Frequency: Annually
Planned Next Contact: 06/29/2020
Agency: Orange County Health Care Agency
Agency Contact: 714-433-6000
Most Recent Contact: 04/02/2020

RECORDS OF EMERGENCY RELEASE REPORTS (cont.)

SML_Los Angeles County - CA: Listing of all Emergency Response session spills

Agency Version Date: 07/12/2017
Agency Update Frequency: Quarterly
Planned Next Contact: 05/26/2020
Agency: Los Angeles Department of Public Health
Agency Contact: 323-890-7808
Most Recent Contact: 02/28/2020

LOCAL LAND RECORDS

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/13/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 04/15/2020

DEED - CA: The Department of Toxic Substances Control's listing of property locations with Deed restrictions

Agency Version Date: 03/13/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/22/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-341-5791
Most Recent Contact: 03/13/2020

HIST LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens that is no longer in current agency list.

Agency Version Date: 12/04/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/04/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/06/2020

LIENS - CA: The Department of Toxic Substances Control's listing of property locations with environmental liens

Agency Version Date: 04/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/03/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/06/2020

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8: List of Region 8 Indian land open dump inventory sites maintained within the STARS program that is no longer in current agency list.

Agency Version Date: 11/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 05/15/2020
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 02/19/2020

INDIAN ODI R8: Region 8 Indian land open dump inventory sites maintained within the STARS program

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 03/16/2020

ODI: Open dump inventory sites

Agency Version Date: 10/03/2017
Agency Update Frequency: No Update
Planned Next Contact: 06/09/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 03/31/2020

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 06/27/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: Indian Health Service
Agency Contact: 301-443-3593
Most Recent Contact: 04/02/2020

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES (cont.)

HAULERS - CA: Waste Tire Manifest Program Hauler Registration listing

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020

Agency: California Department of Resources Recycling and Recovery (CalRecycle)
Agency Contact: 916-341-6066
Most Recent Contact: 04/21/2020

SWRCY - CA: Listing of facilities which perform recycled material processing activities

Agency Version Date: 01/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/08/2020

Agency: California Department of Resources Recycling and Recovery (CalRecycle)
Agency Contact: 916-341-6066
Most Recent Contact: 03/30/2020

LF_San Diego County - CA: San Diego county landfill listing

Agency Version Date: 03/02/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/26/2020

Agency: County of San Diego Department of Environmental Health
Agency Contact: 858-694-2801
Most Recent Contact: 02/28/2020

SWF_Los Angeles County - CA: Listing of Los Angeles County solid waste facilities

Agency Version Date: 01/23/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020

Agency: LA County Department of Public Works
Agency Contact: 800-320-1771
Most Recent Contact: 04/02/2020

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 02/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/06/2020

Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 04/09/2020

Fed Brownfields: Federal brownfield remediation sites

Agency Version Date: 03/10/2020
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/19/2020

Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 03/10/2020

OTHER ASCERTAINABLE RECORDS

AFS: Air Facility Systems Quarterly Extract

Agency Version Date: 03/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/29/2020

Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 03/20/2020

ALT FUELING: Alternative Fueling Stations by fuel type.

Agency Version Date: 02/12/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/21/2020

Agency: U.S. Department of Energy
Agency Contact: N/R
Most Recent Contact: 04/22/2020

BRS: Reporting of hazardous waste generation and management from large quantity generators

Agency Version Date: 02/10/2020
Agency Update Frequency: Biennial
Planned Next Contact: 07/23/2020

Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/24/2020

OTHER ASCERTAINABLE RECORDS (cont.)

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Agency for Toxic Substances and Disease Registry
Agency Contact: 770-488-6399
Most Recent Contact: 03/16/2020

COAL ASH DOE: List of existing and planned generators with 1 megawatt or greater of combined capacity that are utilizing coal ash impoundments.

Agency Version Date: 11/28/2019
Agency Update Frequency: Varies
Planned Next Contact: 07/14/2020
Agency: Department of Energy
Agency Contact: (202) 586-8800
Most Recent Contact: 04/16/2020

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Agency Version Date: 07/31/2014
Agency Update Frequency: Varies
Planned Next Contact: 06/01/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 03/23/2020

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/31/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 05/04/2020

CONSENT (DECREES): Legal decisions regarding responsibility for Superfund locations

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 03/16/2020

DEBRIS R5 LF: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 02/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/28/2020

DEBRIS R5 SWRCY: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 02/28/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/28/2020

DOD: Department of Defense sites

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 03/16/2020

DOT OPS: Incident Data Report

Agency Version Date: 01/20/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/08/2020
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 03/30/2020

OTHER ASCERTAINABLE RECORDS (cont.)

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 02/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/17/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 04/20/2020

ENOI: The Electronic Notice of Intent (eNOI) database contains construction sites and industrial facilities that submit permit requests to EPA for Construction General Permits (CGP) and Multi-Sector General Permits (MSGP).

Agency Version Date: 11/15/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/30/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/03/2020

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 03/20/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/29/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 03/20/2020

EPA OSC: Listing of oil spills and hazardous substance release sites requiring EPA On-Site Coordinators.

Agency Version Date: 02/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 04/15/2020

EPA WATCH: The EPA Watch List was used to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. EPA maintained the lists from 2011 - 2013.

Agency Version Date: 02/09/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/13/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 04/14/2020

FA HWF: Hazardous Waste Facilities with Financial Assurance

Agency Version Date: 02/25/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/31/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 05/05/2020

FEDLAND: Federal land locations

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 03/16/2020

FRS: Facility Registry Systems

Agency Version Date: 12/12/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/04/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 03/26/2020

FTTS: Tracking of administrative and enforcement activities related to FIFRA/TSCA

Agency Version Date: 04/16/2013
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 05/06/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 02/10/2020

OTHER ASCERTAINABLE RECORDS (cont.)

FTTS INSP: Tracking of inspections related to FIFRA/TSCA

Agency Version Date: 05/08/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/24/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 04/29/2020

FUDS: Defense sites that require cleanup

Agency Version Date: 03/23/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/01/2020
Agency: US Army Corps of Engineering
Agency Contact: (202) 761-0011
Most Recent Contact: 03/23/2020

HIST AFS: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 06/14/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/15/2020

HIST AFS 2: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 05/19/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/21/2020

HIST DOD: Department of Defense historical sites

Agency Version Date: 08/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 05/26/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 02/28/2020

HIST LEAD_SMELTER: List of former lead smelter sites that is no longer in current agency list.

Agency Version Date: 12/12/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/31/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 05/04/2020

HIST MLTS: List of sites in possession/use of radioactive materials regulated by NRC that is no longer in current agency list.

Agency Version Date: 07/13/2016
Agency Update Frequency: Annually
Planned Next Contact: 05/15/2020
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 02/19/2020

HIST PCB TRANS: List of PCB Disposal Facilities that are no longer in current agency list.

Agency Version Date: 01/18/2018
Agency Update Frequency: No Update
Planned Next Contact: 06/01/2020
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 03/03/2020

HIST PCS ENF: List of permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/08/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/22/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 03/24/2020

OTHER ASCERTAINABLE RECORDS (cont.)

HIST PCS FACILITY: List of Permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 12/18/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/22/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 03/24/2020

HIST SSTS: List of tracking of facilities who produce pesticides and their quantity that are no longer in current agency list.

Agency Version Date: 02/13/2019
Agency Update Frequency: Annually
Planned Next Contact: 06/05/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 03/09/2020

HWC DOCKET: Listing of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste.

Agency Version Date: 10/28/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 05/29/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 03/20/2020

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/21/2020

INACTIVE PCS: Inactive Permitted facilities to discharge wastewater

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 04/21/2020

INDIAN RESERVATION: Indian Reservation sites

Agency Version Date: 02/25/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/31/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 05/05/2020

LUCIS: Land Use Control Information Systems

Agency Version Date: 01/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/15/2020
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 04/17/2020

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 06/01/2020
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 03/03/2020

MINES: Mines Master Index Files

Agency Version Date: 02/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/21/2020
Agency: Department of Labor
Agency Contact: (202) 693-9400
Most Recent Contact: 04/22/2020

OTHER ASCERTAINABLE RECORDS (cont.)

MINES USGS: Listing of all active mines and mineral plants in 2003

Agency Version Date: 02/17/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/24/2020
Agency: USGS Mineral Resources Program
Agency Contact: (703) 648-5953
Most Recent Contact: 04/27/2020

MLTS: Sites in possession/use of radioactive materials regulated by NRC

Agency Version Date: 10/03/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/19/2020
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 02/21/2020

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 03/16/2020

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

OSHA: OSHA's listing of inspections violations and fatality information

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Occupational Safety & Health Administration
Agency Contact: 800-321-6742
Most Recent Contact: 04/21/2020

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 03/13/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/22/2020
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 03/13/2020

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 03/25/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/03/2020
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 03/25/2020

PCS ENF: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 04/21/2020

PCS FACILITY: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 04/21/2020

RAATS: Listing of major violators with enforcement actions issued under RCRA. Includes administrative and civil actions filed by the EPA. This dataset is no longer maintained.

Agency Version Date: 09/23/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/18/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/20/2020

OTHER ASCERTAINABLE RECORDS (cont.)

RADINFO: EPA regulated facilities with radiation and radioactive materials

Agency Version Date: 08/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/07/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/27/2020

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act

Agency Version Date: 03/17/2020
Agency Update Frequency: Monthly
Planned Next Contact: 07/27/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2534
Most Recent Contact: 04/30/2020

ROD: Permanent remedy at an NPL site

Agency Version Date: 01/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 03/16/2020

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners

Agency Version Date: 01/23/2020
Agency Update Frequency: No Update
Planned Next Contact: 06/29/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/02/2020

SEMS_SMELTER: This report includes sites that have smelting-related, or potentially smelting-related, indicators in the SEMS database. The report includes information on the site location as well as contaminants of concern.

Agency Version Date: 01/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 03/16/2020

SSTS: Tracking of facilities who produce pesticides and their quantity

Agency Version Date: 01/29/2020
Agency Update Frequency: Annually
Planned Next Contact: 07/06/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/08/2020

STORMWATER: Permitted storm water sites

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/20/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/21/2020

TOSCA-PLANT: Plants controlled by the Toxic Substance Control Act

Agency Version Date: 04/08/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/06/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/08/2020

TRIS: Information regarding toxic chemicals that are being used/manufactured/ treated/ transported/released into the environment

Agency Version Date: 02/10/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/17/2020
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 04/20/2020

OTHER ASCERTAINABLE RECORDS (cont.)

UMTRA: Uranium Recovery Sites

Agency Version Date: 07/18/2019
Agency Update Frequency: Varies
Planned Next Contact: 07/22/2020
Agency: United States Nuclear Regulatory Commission
Agency Contact: (301) 415-8200
Most Recent Contact: 04/23/2020

VAPOR: EPA Vapor Intrusion Database

Agency Version Date: 02/08/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/30/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 04/03/2020

Corrective Actions_2020: In 2009 the EPA created the 2020 Corrective Action Baseline list of contaminated or potentially contaminated sites with a cleanup goal to complete 95% by the year 2020. The names on the list indicate the facility owners who may or may not have caused the contamination.

Agency Version Date: 12/21/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 05/18/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 02/20/2020

AOC_SAN GABRIEL VALLEY - CA: San Gabriel Valley Superfund sites

Agency Version Date: 08/19/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/25/2020
Agency: U.S. Environmental Protection Agency
Agency Contact: 415-972-3181
Most Recent Contact: 03/16/2020

BOND EXPENDITURE PLAN - CA: Hazardous Substance Cleanup Bond Act of 1984 Article 7.5 of Health and Safety Code 25385 listing of orphan sites

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/14/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/16/2020

CALEPA SITES - CA: CalEPA Regulated Sites from the Certified Unified Program Agencies (CUPA).

Agency Version Date: 02/19/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/28/2020
Agency: California Environmental Protection Agency Unified Program Section
Agency Contact: 916-327-5092
Most Recent Contact: 04/29/2020

CIWQS - CA: California Integrated Water Quality System database facilities listing which includes owner information, violations, inspections, and other regulatory matters

Agency Version Date: 02/04/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/13/2020
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 04/14/2020

CIWQS 2 - CA: California Integrated Water Quality System database facilities listing which includer owner information violations inspections and other regulatory matters

Agency Version Date: 02/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/08/2020
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 02/12/2020

CORTESE - CA: Compliance document used in providing information about the location of hazardous material release sites utilized by the state local agencies and developers

Agency Version Date: 02/04/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/14/2020

OTHER ASCERTAINABLE RECORDS (cont.)

CUPA_PLACER COUNTY - CA: Listing of the Placer County Certified Unified Program Agency's hazardous material program sites

Agency Version Date: 03/02/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/25/2020
Agency: Placer County Environmental Health
Agency Contact: 530-745-2350
Most Recent Contact: 02/27/2020

DAYCARE - CA: List of daycare locations

Agency Version Date: 02/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/07/2020
Agency: California Department of Social Services
Agency Contact: 916-651-6040
Most Recent Contact: 02/27/2020

DRYCLEANERS - CA: Listing of drycleaning facilities

Agency Version Date: 09/09/2014
Agency Update Frequency: Quarterly
Planned Next Contact: 07/17/2020
Agency: California EPA Air Resources Board
Agency Contact: 916-324-3013
Most Recent Contact: 04/22/2020

EMI - CA: An estimation of air pollution for a listing of air permitted facilities

Agency Version Date: 07/08/2019
Agency Update Frequency: Varies
Planned Next Contact: 07/10/2020
Agency: California Air Resources Board
Agency Contact: 916-327-6251
Most Recent Contact: 04/13/2020

FA - CA: Listing of the Department of Toxic Substance Control's Financial Assurance report sites and facilities

Agency Version Date: 12/18/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/20/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 02/24/2020

FA 2 - CA: Financial Assurance Information for solid waste facilities

Agency Version Date: 02/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/13/2020
Agency: Department of Environment & Natural Resources
Agency Contact: 916-341-6066
Most Recent Contact: 02/17/2020

HAZNET - CA: Listing of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters

Agency Version Date: 07/07/2019
Agency Update Frequency: Annually
Planned Next Contact: 05/26/2020
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 02/28/2020

HAZWASTE_ORANGE COUNTY - CA: Orange County hazardous waste facilities

Agency Version Date: 03/27/2020
Agency Update Frequency: Annually
Planned Next Contact: 06/05/2020
Agency: Orange County Health Care Agency
Agency Contact: 714-433-6000
Most Recent Contact: 03/27/2020

HIGH FIRE - CA: Fire hazard severity zones mapped as areas of significant fire hazards on the basis of fuels terrain weather and other factors

Agency Version Date: 01/27/2020
Agency Update Frequency: No update
Planned Next Contact: 07/03/2020
Agency: California Department of Forestry and Fire Protection
Agency Contact: 916-445-4302
Most Recent Contact: 04/06/2020

OTHER ASCERTAINABLE RECORDS (cont.)

HIST CORTESE - CA: The historical compliance document used in providing information about the location of hazardous material release sites utilized by the state local agencies and developers

Agency Version Date: 03/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/01/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/23/2020

HIST HAZNET - CA: List of hazardous waste manifests from when hazardous waste is transported from generators to permitted recycling treatment storage or disposal facilities by registered hazardous waste transporters that are no longer in current agency list.

Agency Version Date: 10/10/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/23/2020
Agency: California Environmental Protection Agency
Agency Contact: 916-341-5791
Most Recent Contact: 03/25/2020

HIST HWP - CA: List of the Department of Toxic Substance Control's hazardous waste transporters and corrective action that are no longer in current agency list.

Agency Version Date: 01/18/2019
Agency Update Frequency: Annually
Planned Next Contact: 05/25/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 02/27/2020

HIST LDS - CA: List of areas of land on or in which hazardous waste is placed or the largest area in which there is significant likelihood of mixing hazardous waste constituents in the same area that are no longer in current agency list.

Agency Version Date: 03/20/2018
Agency Update Frequency: Annually
Planned Next Contact: 06/29/2020
Agency: State Water Qualilty Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 04/01/2020

HIST MCS - CA: List of the State Water Resources Control Boards investigation and remediation of water quality issues at military facilities that is no longer in current agency list.

Agency Version Date: 09/24/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 07/14/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 04/16/2020

HIST NFA - CA: Historical No further action cleanup sites listing

Agency Version Date: 02/21/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/10/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/12/2020

HWM COMMERCIAL FACILITIES - CA: Listing of all commercial hazardous waste permitted off-site transfer recycling treatment storage and disposal facilities

Agency Version Date: 03/10/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/19/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-5308
Most Recent Contact: 03/10/2020

HWP - CA: Facility listing of the Department of Toxic Substance Control's hazardous waste transporters and corrective action

Agency Version Date: 03/13/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/22/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/13/2020

HWT - CA: Listing of registered hazardous waste transporters

Agency Version Date: 03/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/26/2020
Agency: Department of Toxic Substance Control
Agency Contact: 916-322-2861
Most Recent Contact: 03/17/2020

OTHER ASCERTAINABLE RECORDS (cont.)

LDS - CA: List of Land Disposal Cleanup Sites from Geotracker

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

MCS - CA: List of Military Cleanup Sites from Geotracker

Agency Version Date: 03/11/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/20/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 03/11/2020

MWMP - CA: Listing of treatment and transfer stations that properly handle and dispose of medical waste that are permitted and inspected by the Medical Waste Management Program

Agency Version Date: 02/11/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/20/2020
Agency: California-Health Human Services Department of Public Health
Agency Contact: 916-449-5661
Most Recent Contact: 03/11/2020

MWMP 2 - CA: Listing of facilities that generate permitted medical waste and are inspected by the Medical Waste Management Program

Agency Version Date: 02/18/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/12/2020
Agency: California-Health Human Services Department of Public Health
Agency Contact: 916-449-5661
Most Recent Contact: 02/14/2020

NFA - CA: No further action cleanup sites listing

Agency Version Date: 02/06/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/14/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/16/2020

NFE - CA: Unconfirmed contaminated properties listing

Agency Version Date: 02/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/15/2020

NPDES - CA: Listing of facilities with wastewater and NPDES permits including stormwater

Agency Version Date: 01/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/29/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 04/02/2020

PERCHLORATE 2 - CA: Listing of contaminated sites where the primary known chemical is perchlorate

Agency Version Date: 02/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: Department of Toxic Substances Control
Agency Contact: 916-322-2861
Most Recent Contact: 04/15/2020

PROPOSITION 65 - CA: Listing of Proposition 65 enforcement reporting notice sites in accordance with "The Safe Drinking Water and Toxic Enforcement Act of 1986"

Agency Version Date: 01/23/2020
Agency Update Frequency: No update
Planned Next Contact: 06/29/2020
Agency: State of California Department of JusticeOffice of the Attorney General
Agency Contact: 510-873-6321
Most Recent Contact: 04/02/2020

OTHER ASCERTAINABLE RECORDS (cont.)

RFR - CA: State Water Resources Control Board Regulated Facility Report database listing which includes program agency type and their permit status

Agency Version Date: 01/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/03/2020
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 04/06/2020

SWAT - CA: The SWAT Reports Summary Data and the Waste Management Unit Database were published by State Water Resources Control Board staff and the Regional Water Quality Control Boards for tracking and inventory of waste management units.

Agency Version Date: 08/28/2015
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 06/16/2020
Agency: Department of Ecology
Agency Contact: 916-322-2861
Most Recent Contact: 03/18/2020

WDS - CA: Listing of waste discharge system reporting facilities

Agency Version Date: 03/05/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 05/14/2020
Agency: State Water Resources Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 03/05/2020

WILDLANDS - CA: The Wildlands Conservancy listing of preserves in California

Agency Version Date: 11/11/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/08/2020
Agency: The Wildlands Conservancy
Agency Contact: 909-797-8507
Most Recent Contact: 03/30/2020

WIP - CA: Listing of Well Investigation Program cases in the San Gabriel and San Fernando Valley area

Agency Version Date: 07/01/2009
Agency Update Frequency: Varies
Planned Next Contact: 06/05/2020
Agency: Los Angeles Water Quality Control Board
Agency Contact: 916-341-5810
Most Recent Contact: 03/09/2020

BP HW OUT_Ventura County - CA: Ventura County Business Plan Hazardous Waste Producers and Operating Underground Tanks

Agency Version Date: 03/27/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/05/2020
Agency: Ventura County Environmental Health Division
Agency Contact: 805-654-2815
Most Recent Contact: 03/27/2020

BUSINESS INVENTORY_San Mateo County - CA: San Mateo County listing of underground storage tanks, hazardous materials, business plans, and hazardous waste generators

Agency Version Date: 02/21/2020
Agency Update Frequency: Annually
Planned Next Contact: 07/30/2020
Agency: San Mateo County Environmental Health Services Division
Agency Contact: 650-372-6200
Most Recent Contact: 05/01/2020

CUPA_Butte County - CA: Listing of the Butte County Certified Unified Program Agency`s hazardous material program sites

Agency Version Date: 03/19/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 06/23/2020
Agency: Butte County Environmental Health
Agency Contact: 530.538.7281
Most Recent Contact: 03/25/2020

CUPA_Fresno County - CA: Listing of the Fresno County Certified Unified Program Agency's hazardous material program sites

Agency Version Date: 01/10/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/20/2020
Agency: Fresno County Department of Public Health
Agency Contact: 559-600-3271
Most Recent Contact: 04/21/2020

OTHER ASCERTAINABLE RECORDS (cont.)

DRYCLEANERS_Amador County - CA: Listing of drycleaning facilities in Amador County

Agency Version Date: 11/02/2016
Agency Update Frequency: Varies
Planned Next Contact: 07/07/2020
Agency: Amador County APCD
Agency Contact: (209) 223-6439
Most Recent Contact: 04/10/2020

DRYCLEANERS_Antelope Valley - CA: Listing of drycleaning facilities in Antelope Valley

Agency Version Date: 03/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/10/2020
Agency: Antelope Valley AQMD
Agency Contact: 661-723-8070
Most Recent Contact: 03/12/2020

DRYCLEANERS_Bay Area - CA: Listing of drycleaning facilities in Bay Area

Agency Version Date: 01/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/17/2020
Agency: Bay Area AQMD
Agency Contact: 415-749-4784
Most Recent Contact: 04/20/2020

DRYCLEANERS_Butte County - CA: Listing of drycleaning facilities in Butte County

Agency Version Date: 12/11/2019
Agency Update Frequency: Semi Annually
Planned Next Contact: 05/26/2020
Agency: Butte County AQMD
Agency Contact: 530-332-9400 ext. 107
Most Recent Contact: 02/28/2020

DRYCLEANERS_Calaveras County - CA: Listing of drycleaning facilities in Calaveras County

Agency Version Date: 11/19/2015
Agency Update Frequency: Varies
Planned Next Contact: 05/19/2020
Agency: Calaveras County APCD
Agency Contact: 209-754-6504
Most Recent Contact: 02/21/2020

DRYCLEANERS_Colusa County - CA: Listing of drycleaning facilities in Colusa County

Agency Version Date: 09/08/2014
Agency Update Frequency: Quarterly
Planned Next Contact: 05/26/2020
Agency: Colusa County APCD
Agency Contact: 530-458-0590
Most Recent Contact: 02/28/2020

DRYCLEANERS_Eastern Kern County - CA: Listing of drycleaning facilities in Eastern Kern County

Agency Version Date: 06/25/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/21/2020
Agency: Eastern Kern County APCD
Agency Contact: 661-862-5250
Most Recent Contact: 02/25/2020

DRYCLEANERS_El Dorado County - CA: Listing of drycleaning facilities in El Dorado County

Agency Version Date: 03/18/2016
Agency Update Frequency: Varies
Planned Next Contact: 05/21/2020
Agency: El Dorado County AQMD
Agency Contact: 530-621-7503
Most Recent Contact: 02/25/2020

DRYCLEANERS_Feather River - CA: Listing of drycleaning facilities in Feather River

Agency Version Date: 04/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 07/14/2020
Agency: Feather River AQMD
Agency Contact: 530-634-7659 ext. 205
Most Recent Contact: 04/16/2020

DRYCLEANERS_Glenn County - CA: Listing of drycleaning facilities in Glenn County

Agency Version Date: 10/29/2012
Agency Update Frequency: Varies
Planned Next Contact: 06/10/2020
Agency: Glenn County APCD
Agency Contact: 530-934-6500
Most Recent Contact: 03/12/2020

OTHER ASCERTAINABLE RECORDS (cont.)

DRYCLEANERS_Great Basin Unified - CA: Listing of drycleaning facilities in the Great Basin Unified region

Agency Version Date: 09/09/2014
Agency Update Frequency: Varies
Planned Next Contact: 07/28/2020
Agency: Great Basin Unified APCD
Agency Contact: 760-872-8211 ext. 228
Most Recent Contact: 04/29/2020

DRYCLEANERS_Imperial County - CA: Listing of drycleaning facilities in Imperial County

Agency Version Date: 03/19/2018
Agency Update Frequency: Annually
Planned Next Contact: 05/26/2020
Agency: Imperial County APCD
Agency Contact: 760-482-4606
Most Recent Contact: 02/28/2020

DRYCLEANERS_Lake County - CA: Listing of drycleaning facilities in Lake County

Agency Version Date: 03/29/2016
Agency Update Frequency: Varies
Planned Next Contact: 05/20/2020
Agency: Lake County AQMD
Agency Contact: 707-263-7000
Most Recent Contact: 02/24/2020

DRYCLEANERS_Lassen County - CA: Listing of drycleaning facilities in Lassen County

Agency Version Date: 05/16/2013
Agency Update Frequency: Varies
Planned Next Contact: 06/05/2020
Agency: Lassen County APCD
Agency Contact: 530-257-1045
Most Recent Contact: 03/09/2020

DRYCLEANERS_Mendocino County - CA: Listing of drycleaning facilities in Mendocino County

Agency Version Date: 08/24/2016
Agency Update Frequency: Varies
Planned Next Contact: 05/14/2020
Agency: Mendocino County AQMD
Agency Contact: 707-463-4354
Most Recent Contact: 02/18/2020

DRYCLEANERS_Mojave Desert - CA: Listing of drycleaning facilities in the Mojave Desert region

Agency Version Date: 03/12/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/10/2020
Agency: Mojave Desert AQMD
Agency Contact: 661-723-8070
Most Recent Contact: 03/12/2020

DRYCLEANERS_Monterey Bay - CA: Listing of drycleaning facilities in the Monterey Bay region

Agency Version Date: 01/15/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/07/2020
Agency: Monterey Bay Unified APCD
Agency Contact: 831-647-9418 ext.240
Most Recent Contact: 04/10/2020

DRYCLEANERS_North Coast Unified - CA: Listing of drycleaning facilities in the North Coast region

Agency Version Date: 11/01/2017
Agency Update Frequency: Varies
Planned Next Contact: 07/24/2020
Agency: North Coast Unified AQMD
Agency Contact: 707-443-3093 ext. 111
Most Recent Contact: 04/27/2020

DRYCLEANERS_Northern Sierra - CA: Listing of drycleaning facilities in the Northern Sierra region

Agency Version Date: 09/08/2014
Agency Update Frequency: No Update
Planned Next Contact: 06/29/2020
Agency: Northern Sierra AQMD
Agency Contact: 530-274-9360 ext. 106
Most Recent Contact: 03/31/2020

DRYCLEANERS_Northern Sonoma County - CA: Listing of drycleaning facilities in Northern Sonoma County

Agency Version Date: 06/01/2018
Agency Update Frequency: Varies
Planned Next Contact: 06/11/2020
Agency: Northern Sonoma County APCD
Agency Contact: 707-433-5911
Most Recent Contact: 03/13/2020

OTHER ASCERTAINABLE RECORDS (cont.)

DRYCLEANERS_Placer County - CA: Listing of drycleaning facilities in Placer County

Agency Version Date: 05/02/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 06/23/2020
Agency: Placer County APCD
Agency Contact: 530-745-2324
Most Recent Contact: 03/25/2020

DRYCLEANERS_Sacramento County - CA: Listing of drycleaning facilities in Sacramento County

Agency Version Date: 01/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/07/2020
Agency: Sacramento Metro AQMD
Agency Contact: 916-874-4817
Most Recent Contact: 04/10/2020

DRYCLEANERS_San Diego County - CA: Listing of drycleaning facilities in San Diego County

Agency Version Date: 05/20/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/09/2020
Agency: San Diego County APCD
Agency Contact: 858-586-2618
Most Recent Contact: 03/11/2020

DRYCLEANERS_San Joaquin Valley - CA: Listing of drycleaning facilities in the San Joaquin Valley

Agency Version Date: 02/21/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/05/2020
Agency: San Joaquin Valley APCD
Agency Contact: 559-230-5936
Most Recent Contact: 03/09/2020

DRYCLEANERS_San Luis Obispo - CA: Listing of drycleaning facilities in the San Luis Obispo region

Agency Version Date: 12/27/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/15/2020
Agency: San Luis Obispo County APCD
Agency Contact: 805-781-5912
Most Recent Contact: 03/17/2020

DRYCLEANERS_Santa Barbara County - CA: Listing of drycleaning facilities in Santa Barbara County

Agency Version Date: 02/19/2019
Agency Update Frequency: Varies
Planned Next Contact: 06/08/2020
Agency: Santa Barbara County APCD
Agency Contact: 805-961-8867
Most Recent Contact: 03/30/2020

DRYCLEANERS_Shasta County - CA: Listing of drycleaning facilities in Shasta County

Agency Version Date: 04/05/2019
Agency Update Frequency: Varies
Planned Next Contact: 05/26/2020
Agency: Shasta County AQMD
Agency Contact: 530-225-5674
Most Recent Contact: 02/28/2020

DRYCLEANERS_Siskiyou County - CA: Listing of drycleaning facilities in Siskiyou County

Agency Version Date: 09/08/2014
Agency Update Frequency: Varies
Planned Next Contact: 05/13/2020
Agency: Siskiyou County APCD
Agency Contact: 530-841-4029
Most Recent Contact: 02/17/2020

DRYCLEANERS_South Coast - CA: Listing of drycleaning facilities in the South Coast region

Agency Version Date: 01/02/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/19/2020
Agency: South Coast AQMD
Agency Contact: 909-396-2000
Most Recent Contact: 03/23/2020

DRYCLEANERS_Tehama County - CA: Listing of drycleaning facilities in Tehama County

Agency Version Date: 10/10/2017
Agency Update Frequency: Varies
Planned Next Contact: 06/26/2020
Agency: Tehama County APCD
Agency Contact: 530-527-3717 ext.100
Most Recent Contact: 03/30/2020

OTHER ASCERTAINABLE RECORDS (cont.)

DRYCLEANERS_Tuolumne County - CA: Listing of drycleaning facilities in Tuolumne County

Agency Version Date: 01/11/2017
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: Tuolumne County APCD
Agency Contact: 209-533-6678
Most Recent Contact: 03/31/2020

DRYCLEANERS_Ventura County - CA: Listing of drycleaning facilities in Ventura County

Agency Version Date: 02/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 05/21/2020
Agency: Ventura County APCD
Agency Contact: 805-645-1405
Most Recent Contact: 02/25/2020

DRYCLEANERS_Yolo-Solano Counties - CA: Listing of drycleaning facilities in Yolo and Solano Counties

Agency Version Date: 01/27/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/07/2020
Agency: Yolo-Solano AQMD
Agency Contact: 530-757-3664
Most Recent Contact: 04/10/2020

GCC_Santa Clara Valley - CA: Santa Clara Valley groundwater contamination cleanups listing

Agency Version Date: 01/23/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/29/2020
Agency: CA State Water Resources Control Board
Agency Contact: 916-341-5791
Most Recent Contact: 04/02/2020

HAZMAT INCIDENT_Contra Costa County - CA: Listing of hazardous material incident sites since 1993 in Contra Costa County

Agency Version Date: 03/03/2020
Agency Update Frequency: Varies
Planned Next Contact: 06/01/2020
Agency: Contra Costa Health Services Department
Agency Contact: 925-335-3200
Most Recent Contact: 03/03/2020

HAZMAT_City of San Jose - CA: City of San Jose hazardous material facilities listing

Agency Version Date: 01/23/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 07/13/2020
Agency: Santa Clara County Department of Environmental Health
Agency Contact: 408-918-1951
Most Recent Contact: 04/14/2020

HAZMAT_Sacramento County - CA: Sacramento county hazardous material facilities listing

Agency Version Date: 11/07/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 06/08/2020
Agency: Sacramento County Environmental Management
Agency Contact: 916-875-8550
Most Recent Contact: 03/30/2020

HAZMAT_San Bernardino County - CA: San Bernardino county listing of hazardous material permitted facilities

Agency Version Date: 03/17/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/02/2020
Agency: San Bernardino County Fire Department Hazardous Materials Division
Agency Contact: 909-386-8419
Most Recent Contact: 03/04/2020

HAZMAT_San Diego County - CA: San Diego county listing of hazardous material permitted facilities

Agency Version Date: 01/14/2020
Agency Update Frequency: Quarterly
Planned Next Contact: 06/02/2020
Agency: Hazardous Materials Management Division
Agency Contact: 858-505-6700
Most Recent Contact: 03/24/2020

HAZMAT_Santa Clara County - CA: Santa Clara county hazardous material facilities listing

Agency Version Date: 01/07/2020
Agency Update Frequency: Annually
Planned Next Contact: 06/23/2020
Agency: Santa Clara Department of Environmental Health
Agency Contact: 408-918-3428
Most Recent Contact: 03/25/2020

OTHER ASCERTAINABLE RECORDS (cont.)

HIST HMS_Los Angeles County - CA: List of Los Angeles county industrial waste and underground storage tank sites that are no longer in current agency list.

Agency Version Date: 09/15/2018
Agency Update Frequency: Annually
Planned Next Contact: 07/13/2020
Agency: County of Los Angeles Department of Public Works
Agency Contact: 626-458-3518
Most Recent Contact: 04/15/2020

HMS_Los Angeles County - CA: Listing of Los Angeles county industrial waste and underground storage tank sites

Agency Version Date: 01/16/2020
Agency Update Frequency: Monthly
Planned Next Contact: 07/13/2020
Agency: County of Los Angeles Department of Public Works
Agency Contact: 626-458-3518
Most Recent Contact: 04/14/2020

LOP_Santa Clara County - CA: Santa Clara county leaking underground storage tank sites

Agency Version Date: 07/21/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 05/19/2020
Agency: Department of Environmental Health
Agency Contact: 408-280-6479
Most Recent Contact: 02/21/2020

SITES INVENTORY_Ventura County - CA: Listing of Ventura County inventory of closed illegal abandoned and inactive sites

Agency Version Date: 06/14/2019
Agency Update Frequency: Annually
Planned Next Contact: 05/29/2020
Agency: Environmental Health Division
Agency Contact: 805-654-2815
Most Recent Contact: 03/20/2020

SMU_Santa Barbara County - CA: Site Mitigation Unit site assessment and corrective actions at properties in Santa Barbara County

Agency Version Date: 02/06/2020
Agency Update Frequency: Varies
Planned Next Contact: 07/28/2020
Agency: Santa Barbara County APCD
Agency Contact: (805) 681-4900
Most Recent Contact: 04/29/2020

VCCP_Ventura County - CA: Listing of Ventura County cleanup program sites

Agency Version Date: 01/07/2020
Agency Update Frequency: Annually
Planned Next Contact: 05/26/2020
Agency: Environmental Health Division
Agency Contact: 805-654-2815
Most Recent Contact: 03/17/2020

OTHER

SEISMIC - CA: Earthquake Zones of Required Investigation. Shows the location of both Seismic Hazard Zones and Earthquake Fault Zones

Agency Version Date: 03/07/2014
Agency Update Frequency: Varies
Planned Next Contact: 05/15/2020
Agency: State of California Department of Conservation
Agency Contact: 916-324-7299
Most Recent Contact: 03/06/2020

SUBJECT PROPERTY ADDRESS:

Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA 93427

SUBJECT PROPERTY COORDINATES:

Latitude(North):	34.613393 - 34°36'48.2"
Longitude(West):	-120.206551 - -120°12'23.6"
Universal Transverse Mercator:	Zone 10N
UTM X (Meters):	756136.22
UTM Y (Meters):	3833719.62

ELEVATION:

Elevation:	317.287 ft. above sea level

USGS TOPOGRAPHIC MAP:

Subject Property Map:	34120-E2 Solvang, CA
Most Recent Revision:	2018

GEOHYDROLOGY DATA:

SUBJECT PROPERTY TOPOGRAPHY:

Topographic Gradient: Southwest

DFIRM FLOOD ZONE:

	DFIRM Flood
Subject Property County:	Electronic Data:
SANTA BARBARA	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	06083C
Additional Panels in search area:	No available data

FEMA FLOOD ZONE:

	FEMA Flood
Subject Property County:	Electronic Data:
SANTA BARBARA	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	0603310554C 0603310555C
Additional Panels in search area:	0603310556C 0603310558C

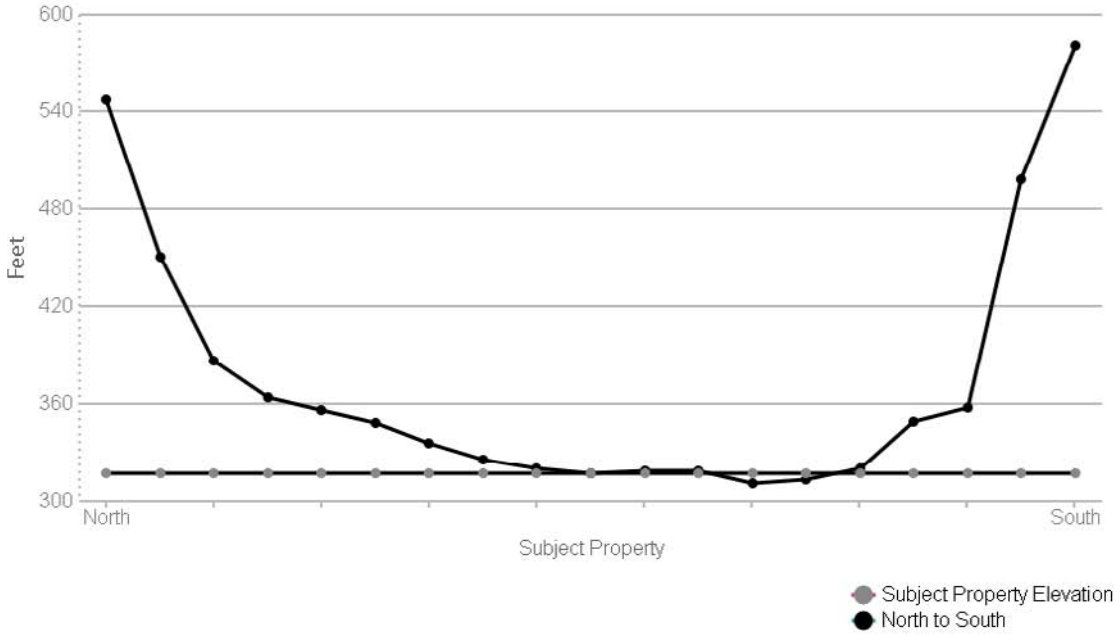
NATIONAL WETLAND INVENTORY:

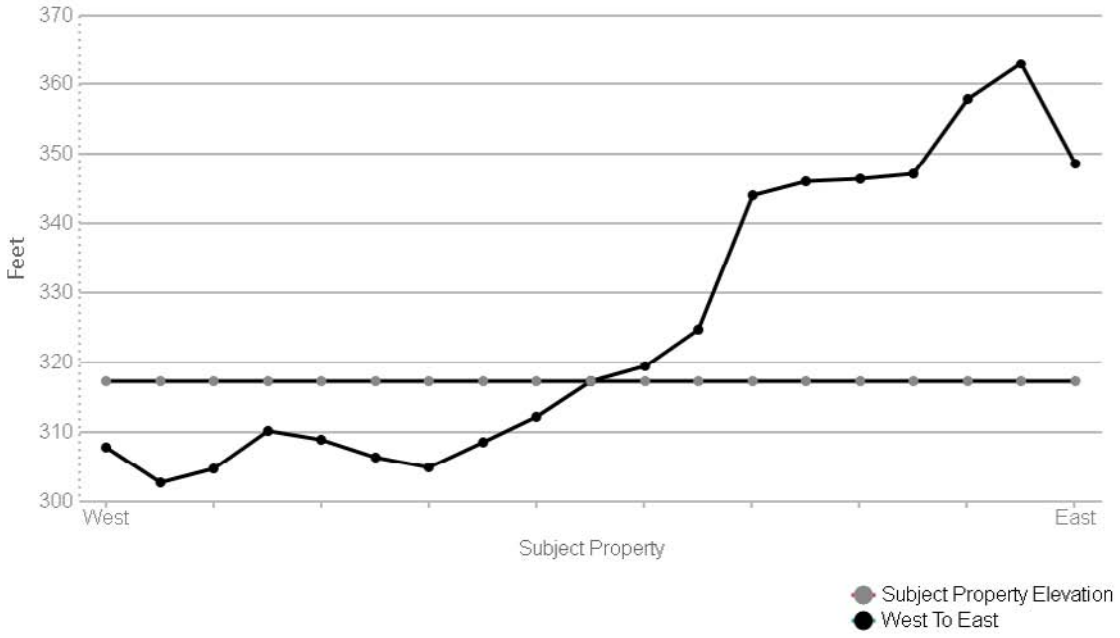
	NWI Electronic
NWI Quad at Subject Property:	Data Coverage:
Solvang	Yes - refer to the Geological Findings Map

LITHOSTRATIGRAPHIC INFORMATION:

ROCK STRATIGRAPHIC UNIT:		GEOLOGIC AGE IDENTIFICATION
Era:	N/R	Category: 7 Tp Pliocene
System:	N/R	
Series:	Pliocene	
Code:	Tp	

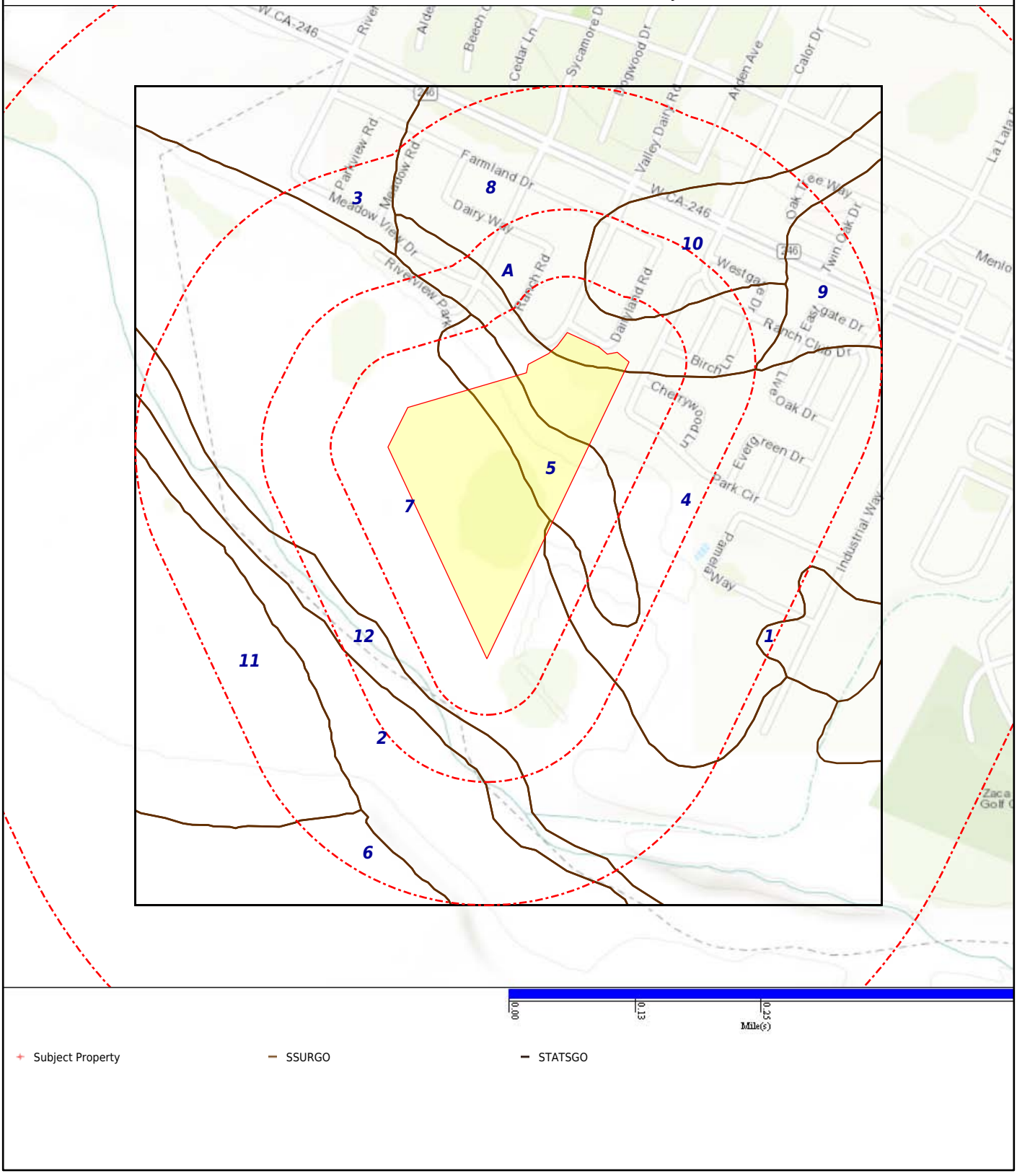
SURROUNDING ELEVATION PROFILES:





SUBJECT NAME: Commercial/Agricultural Property
ADDRESS: 202 Dairyland Rd, Buellton, CA, 93427
LAT/LONG: 34.613393 / -120.206551

PREPARED FOR: The Phase One Group
ORDER #: 41167
REPORT DATE: May 05, 2020



SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:

Agency source: Soil Conservation Service, US Department of Agriculture

SOIL MAP ID 1

USDA Soil Name	Corralitos,Series
USDA Soil Texture	Loamy sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-32	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	5.6-6
2	32-60	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	5.6-6

SOIL MAP ID 2

USDA Soil Name	Corducci,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	10
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3
2	5-35	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3
3	35-45	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3
4	45-59	Coarse sand	Reference: This is a classification of soil material for highway	Reference: This is a classification of soil material designed for	141.1-423.3	6.8-8.3

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
4	45-59	Coarse sand	and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	141.1-423.3	6.8-8.3

SOIL MAP ID 3

USDA Soil Name	Corralitos,Series
USDA Soil Texture	Loamy sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-32	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	5.6-6
2	32-60	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	42-141	5.6-6

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	32-60	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	5.6-6

SOIL MAP ID 4

USDA Soil Name	Mocho,Series
USDA Soil Texture	Sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	5
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-26	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	7.9-8.4
2	26-60	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil	4-14	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	26-60	Loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	7.9-8.4

SOIL MAP ID 5

USDA Soil Name	Camarillo,Series
USDA Soil Texture	Very fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Somewhat poorly drained
Hydric Classification	100
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-31	Very fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	7.9-8.4
2	31-72	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	4-14	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	31-72	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	4-14	7.9-8.4

SOIL MAP ID 6

USDA Soil Name	Metz,Series
USDA Soil Texture	Loamy sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-17	Loamy sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	7.9-8.4
2	17-72	Sand	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size	42-141	7.9-8.4

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
2	17-72	Sand	construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42-141	7.9-8.4

SOIL MAP ID 7

USDA Soil Name	Corducci,Series
USDA Soil Texture	Fine sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	10
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-5	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3
2	5-35	Fine sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	35-45	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.3-141.1	6.8-8.3
4	45-59	Coarse sand	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	141.1-423.3	6.8-8.3

SOIL MAP ID 8

USDA Soil Name	Santa Ynez,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	D
Soil Drainage Class	Moderately well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-25	Fine sandy loam	Granular materials (35% or less passing No. 200), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in	14-42	5.1-6.5

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-25	Fine sandy loam	Granular materials (35% or less passing No. 200), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.1-6.5
2	25-32	Clay	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.01-0.42	5.6-6
3	32-60	Clay	Granular materials (35% or less passing No. 200), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Gravels, gravel with fines, Clayey Gravel. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	0.42-1.4	5.6-6.5

SOIL MAP ID 9

USDA Soil Name	Ballard,Series
USDA Soil Texture	Fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-18	Fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.6-6.5
2	18-44	Loam	Granular materials (35% or less passing No. 200), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	5.6-6.5
3	44-72	Sandy loam	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	14-42	5.6-6.5

SOIL MAP ID 10

USDA Soil Name	Botella,Series
USDA Soil Texture	Clay loam
Hydrologic Soil Group	C
Soil Drainage Class	Moderately well drained
Hydric Classification	8
Corrosion Potential - Uncoated Steel	Moderate

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-9	Clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4.2	5.6-7.3
2	9-14	Clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4.2	5.6-7.3
3	14-41	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM	1.4-4.2	5.6-7.3

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
3	14-41	Silty clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	test D 2487, in ASTM, 1984).	1.4-4.2	5.6-7.3
4	41-65	Sandy clay loam	Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4.2	5.6-7.3
5	65-72	Sandy clay loam	Silt-Clay materials (more than 35% passing No. 200) clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	1.4-4.2	5.6-7.8

SOIL MAP ID 11

USDA Soil Name	Camarillo,Series
USDA Soil Texture	Very fine sandy loam
Hydrologic Soil Group	B
Soil Drainage Class	Somewhat poorly drained
Hydric Classification	100
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-31	Very fine sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	7.9-8.4
2	31-72	Sandy loam	Silt-Clay materials (more than 35% passing NO. 200), silty soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	7.9-8.4

SOIL MAP ID 12

USDA Soil Name	Water,Miscellaneous area
USDA Soil Texture	Not Reported
Hydrologic Soil Group	Not Reported
Soil Drainage Class	Not Reported
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Not Reported

SOIL MAP ID A

USDA Soil Name	Mocho,Series
USDA Soil Texture	Silty clay loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	2
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-11	Silty clay loam	No data	No data	1.4114-4.2343	7.4-8.4
2	11-72	No data	No data	No data	1.4114-14.1143	7.4-8.4

WATER AGENCY DATA:

WATER AGENCY SEARCH DISTANCES:

DATABASE:	SEARCH DISTANCE (MILES):
NWIS	1.000
OIL & GAS WELLS - CA	1.000
PWS	1.000
WELLS - GAMA - CA	0.000

DISTANCE TO NEAREST:	DISTANCE:
NWIS	0.000 mi / 0 ft
OIL & GAS WELLS - CA	N/A
PWS	0.300 mi / 1582 ft
WELLS - GAMA - CA	0.030 mi / 161 ft

FEDERAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
1	343649120121801	< 1/8 Mile ENE
2	343650120122301	< 1/8 Mile WNW
A3	343655120121701	< 1/8 Mile NNE
B5	343638120122301	< 1/8 Mile SSW
A7	343657120121501	< 1/8 Mile NNE
8	343636120122701	< 1/8 Mile SSW
9	343630120122001	1/8 - 1/4 Mile S
C10	343636120121102	1/8 - 1/4 Mile SE
C11	343636120121101	1/8 - 1/4 Mile SE
C12	343636120121103	1/8 - 1/4 Mile SE
13	343631120121501	1/8 - 1/4 Mile SSE
14	343632120121101	1/8 - 1/4 Mile SSE
15	343700120115801	1/4 - 1/2 Mile ENE
D16	343654120115601	1/4 - 1/2 Mile ENE
17	343629120120901	1/4 - 1/2 Mile SSE
E18	343635120120301	1/4 - 1/2 Mile SE
E19	343635120120302	1/4 - 1/2 Mile SE
D20	CA4210030	1/4 - 1/2 Mile E
E21	343633120120301	1/4 - 1/2 Mile SE

FEDERAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
F22	343704120123901	1/4 - 1/2 Mile NW
23	343627120120601	1/4 - 1/2 Mile SSE
24	343711120120801	1/4 - 1/2 Mile NNE
25	343626120123501	1/4 - 1/2 Mile SW
G26	343658120124501	1/4 - 1/2 Mile WNW
27	343639120124401	1/4 - 1/2 Mile WSW
E28	343631120120201	1/4 - 1/2 Mile SE
D29	343652120115001	1/4 - 1/2 Mile E
G30	343700120124602	1/4 - 1/2 Mile WNW
G31	343700120124601	1/4 - 1/2 Mile WNW
F32	343705120124201	1/4 - 1/2 Mile NW
33	343658120114901	1/4 - 1/2 Mile ENE
H34	343713120120501	1/4 - 1/2 Mile NNE
35	343628120124201	1/4 - 1/2 Mile SW
H36	343714120120401	1/4 - 1/2 Mile NNE
37	343705120124601	1/4 - 1/2 Mile WNW
38	343636120124901	1/4 - 1/2 Mile WSW
I39	343652120114501	1/4 - 1/2 Mile E
I40	343651120114501	1/4 - 1/2 Mile E
41	343658120125301	1/4 - 1/2 Mile WNW
42	343616120121401	1/4 - 1/2 Mile S
I43	343600120110001	1/4 - 1/2 Mile E
I44	343649120114401	1/4 - 1/2 Mile E
45	343715120123601	1/4 - 1/2 Mile NNW
46	343645120114201	1/2 - 1 Mile E
47	343657120114001	1/2 - 1 Mile ENE
J48	343658120125801	1/2 - 1 Mile WNW
J49	343656120125901	1/2 - 1 Mile W
50	343642120125901	1/2 - 1 Mile W
K51	343709120125402	1/2 - 1 Mile WNW
K52	343709120125401	1/2 - 1 Mile WNW
53	343612120123601	1/2 - 1 Mile SSW
K54	343711120125301	1/2 - 1 Mile NW
L55	343645120113801	1/2 - 1 Mile E
M56	343648120113701	1/2 - 1 Mile E
57	343614120120001	1/2 - 1 Mile SSE
58	343640120114001	1/2 - 1 Mile ESE
N59	CA4200970	1/2 - 1 Mile NW
N60	CA4200970	1/2 - 1 Mile NW
O61	343653120113501	1/2 - 1 Mile E
L62	343644120113601	1/2 - 1 Mile E
O63	343654120113401	1/2 - 1 Mile E
M64	343647120113401	1/2 - 1 Mile E
M65	343647120113402	1/2 - 1 Mile E
66	11129500	1/2 - 1 Mile ESE
67	343722120124201	1/2 - 1 Mile NNW
68	343708120130101	1/2 - 1 Mile WNW
P69	343719120124902	1/2 - 1 Mile NW
P70	343719120124901	1/2 - 1 Mile NW
Q71	343644120131101	1/2 - 1 Mile W
72	343716120125501	1/2 - 1 Mile NW
73	343609120115901	1/2 - 1 Mile SSE
Q74	343646120130901	1/2 - 1 Mile W
75	11130000	1/2 - 1 Mile E
R76	343649120112901	1/2 - 1 Mile E
S77	343644120112901	1/2 - 1 Mile E
S78	343644120112903	1/2 - 1 Mile E
S79	343645120112801	1/2 - 1 Mile E
S80	343645120112701	1/2 - 1 Mile E
R81	343649120112601	1/2 - 1 Mile E
82	343620120114001	1/2 - 1 Mile SE
R83	343648120112601	1/2 - 1 Mile E
84	343702120112601	1/2 - 1 Mile ENE

FEDERAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
R85	343650120112501	1/2 - 1 Mile E
86	343654120112401	1/2 - 1 Mile E
87	343642120112601	1/2 - 1 Mile E
88	343637120131401	1/2 - 1 Mile WSW
89	343707120112501	1/2 - 1 Mile ENE
T90	343648120131701	1/2 - 1 Mile W
91	343627120113201	1/2 - 1 Mile ESE
92	343658120112201	1/2 - 1 Mile E
93	343633120131401	1/2 - 1 Mile WSW
T94	343646120131801	1/2 - 1 Mile W
95	343703120112001	1/2 - 1 Mile ENE
96	343622120131101	1/2 - 1 Mile WSW
U97	343627120112701	1/2 - 1 Mile ESE
U98	343627120112702	1/2 - 1 Mile ESE
V99	343715120112201	1/2 - 1 Mile ENE
W100	343644120111701	1/2 - 1 Mile E
X101	343609120113701	1/2 - 1 Mile SE
X102	343609120113703	1/2 - 1 Mile SE
X103	343609120113704	1/2 - 1 Mile SE
X104	343609120113702	1/2 - 1 Mile SE
V105	CA4210900	1/2 - 1 Mile ENE
106	343710120132001	1/2 - 1 Mile WNW
W107	343644120111501	1/2 - 1 Mile E
108	343640120111601	1/2 - 1 Mile E
109	343647120132601	1/2 - 1 Mile W
110	343655120111201	1/2 - 1 Mile E
111	343559120114201	1/2 - 1 Mile SE
112	343712120132301	1/2 - 1 Mile WNW
113	343628120132401	1/2 - 1 Mile WSW

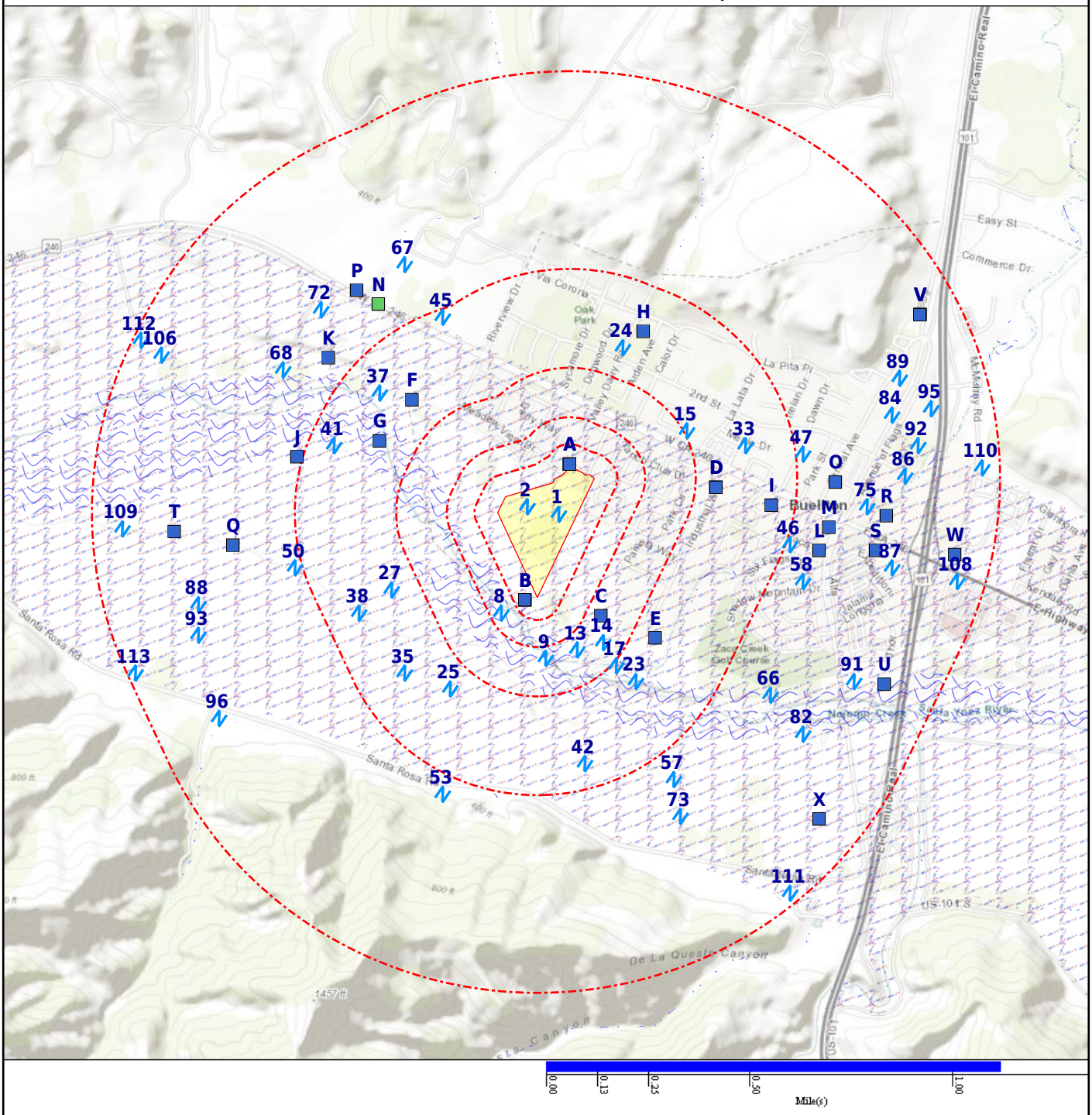
Note: PWS System location is not always the same as well location.

STATE/LOCAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
B4	USGS-343638120122301	< 1/8 Mile SSW
A6	USGS-343657120121501	< 1/8 Mile NNE

SUBJECT NAME: Commercial/Agricultural Property
ADDRESS: 202 Dairyland Rd, Buellton, CA, 93427
LAT/LONG: 34.613393 / -120.206551

PREPARED FOR: The Phase One Group
ORDER #: 41167
REPORT DATE: May 05, 2020



Map Id: 1
Direction: ENE
Distance: 0.000 mi.
Actual: 0.000 ft.
Elevation: 0.06 mi. / 319.222 ft.
Relative: Higher

Site Name : 343649120121801
34.61359684, -120.2059844
CA

Database(s) : [NWIS]

Envirosite ID: 436545394
EPA ID: N/R

NWIS

Site Identification Number :	343649120121801
Site Type :	Well
Station Name :	006N032W12L001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	310.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19370101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	40.0
Hole Depth :	40.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1959-04-07
Field Water-Level Data Count :	10
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61359684
Longitude :	-120.20598440
Last Date in Agency List :	01/17/2020

Map Id: 2
Direction: WNW
Distance: 0.000 mi.
Actual: 0.000 ft.
Elevation: 0.06 mi. / 316.027 ft.
Relative: Lower

Site Name : 343650120122301
34.6138746, -120.2073734
CA

Database(s) : [NWIS]

Envirosite ID: 436506737
EPA ID: N/R

NWIS

Site Identification Number :	343650120122301
Site Type :	Well
Station Name :	006N032W12M001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	315.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	30.0
Hole Depth :	30.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61387460
Longitude :	-120.20737340
Last Date in Agency List :	01/17/2020

Map Id: A3
Direction: NNE
Distance: 0.006 mi.
Actual: 31.504 ft.
Elevation: 0.062 mi. / 326.798 ft.
Relative: Higher

Site Name : 343655120121701
34.61526347, -120.2057066
CA

Database(s) : [NWIS]

Envirosite ID: 436545613
EPA ID: N/R

NWIS

Site Identification Number :	343655120121701
Site Type :	Well
Station Name :	006N032W12F001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	339.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	42.0
Hole Depth :	42.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1941-09-05
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61526347
Longitude :	-120.20570660
Last Date in Agency List :	01/17/2020

Map Id: B4
Direction: SSW
Distance: 0.030 mi.
Actual: 160.551 ft.
Elevation: 0.059 mi. / 311.522 ft.
Relative: Lower

Site Name : USGS-343638120122301
34.6105414, -120.2073733
CA

Database(s) : [WELLS - GAMA - CA]

Envirosite ID: 410807918
EPA ID: N/R

WELLS - GAMA - CA

Well ID :	USGS-343638120122301
Well Type :	UNK
Well Depth (Ft.) :	85
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	USGSNEW
Source Name :	USGS-343638120122301
Other Names :	USGS-343638120122301
RL :	UNK
Approximate Latitude :	34.6105414
Approximate Longitude :	-120.2073733
Last Date in Agency List :	02/06/2020

Chemicals :

07/28/1980 - B = .48 MG/L
07/28/1980 - CA = 160 MG/L
07/28/1980 - CL = 100 MG/L
07/28/1980 - F = .2 MG/L
07/28/1980 - FE = 10 UG/L
07/28/1980 - K = 5.4 MG/L
07/28/1980 - MG = 81 MG/L
07/28/1980 - NA = 120 MG/L
07/28/1980 - PH = 7 PH UNITS
07/28/1980 - SC = 1740 UMHOS/CM
07/28/1980 - SO4 = 410 MG/L
07/28/1980 - TDS = MG/L
07/28/1980 - TDS = 1200 MG/L
07/28/1980 - TEMP = 19 CELSIUS

Map Id: B5
Direction: SSW
Distance: 0.030 mi.
Actual: 160.559 ft.
Elevation: 0.059 mi. / 311.522 ft.
Relative: Lower

Site Name : 343638120122301
34.61054135, -120.2073733
CA

Database(s) : [NWIS]

Envirosite ID: 436544969
EPA ID: N/R

NWIS

Site Identification Number :	343638120122301
Site Type :	Well
Station Name :	006N032W12N003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	315.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	10

Map Id: B5
Direction: SSW
Distance: 0.030 mi.
Actual: 160.559 ft.
Elevation: 0.059 mi. / 311.522 ft.
Relative: Lower

Site Name : 343638120122301
34.61054135, -120.2073733
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436544969
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	85.0
Hole Depth :	145
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	07/28/1980
Water-Quality Data End Date :	07/28/1980
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1957-11
Field Water-Level Data End Date :	1970-11-01
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61054135
Longitude :	-120.20737330
Last Date in Agency List :	01/17/2020

Map Id: A6
Direction: NNE
Distance: 0.032 mi.
Actual: 168.091 ft.
Elevation: 0.063 mi. / 332.897 ft.
Relative: Higher

Site Name : USGS-343657120121501
34.615819, -120.205151
CA

Database(s) : [WELLS - GAMA - CA]

Envirosite ID: 410811381
EPA ID: N/R

WELLS - GAMA - CA

Well ID :	USGS-343657120121501
Well Type :	UNK
Well Depth (Ft.) :	184
Top of Screen (Ft.) :	N/R
Screen Length (Ft.) :	N/R
Source :	USGSNEW
Source Name :	USGS-343657120121501

Map Id: A6
Direction: NNE
Distance: 0.032 mi.
Actual: 168.091 ft.
Elevation: 0.063 mi. / 332.897 ft.
Relative: Higher

Site Name : USGS-343657120121501
34.615819, -120.205151
CA

Database(s) : [WELLS - GAMA - CA] ***(cont.)***

Envirosite ID: 410811381
EPA ID: N/R

WELLS - GAMA - CA ***(cont.)***

Other Names :	USGS-343657120121501
RL :	UNK
Approximate Latitude :	34.615819
Approximate Longitude :	-120.205151
Last Date in Agency List :	02/06/2020

Chemicals :

08/18/1980 - B = .2 MG/L
08/18/1980 - CA = 130 MG/L
08/18/1980 - CL = 77 MG/L
08/18/1980 - F = .2 MG/L
08/18/1980 - FE = 40 UG/L
08/18/1980 - K = 2.2 MG/L
08/18/1980 - MG = 51 MG/L
08/18/1980 - NA = 61 MG/L
08/18/1980 - PH = 7.2 PH UNITS
08/18/1980 - SC = 1050 UMHOS/CM
08/18/1980 - SO4 = 230 MG/L
08/18/1980 - TDS = MG/L
08/18/1980 - TDS = 801 MG/L
08/18/1980 - TEMP = 18 CELSIUS

Map Id: A7
Direction: NNE
Distance: 0.032 mi.
Actual: 168.091 ft.
Elevation: 0.063 mi. / 332.897 ft.
Relative: Higher

Site Name : 343657120121501
34.615819, -120.205151
CA

Database(s) : [NWIS]

Envirosite ID: 436545655
EPA ID: N/R

NWIS

Site Identification Number :	343657120121501
Site Type :	Well
Station Name :	006N032W12E001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	SESWNWS12T06NR32WS
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	335.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19701114

Map Id: A7
Direction: NNE
Distance: 0.032 mi.
Actual: 168.091 ft.
Elevation: 0.063 mi. / 332.897 ft.
Relative: Higher

Site Name : 343657120121501
34.615819, -120.205151
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436545655
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYYNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	184
Hole Depth :	225
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	08/18/1980
Water-Quality Data End Date :	08/18/1980
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1970-11-14
Field Water-Level Data End Date :	1971-04-15
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61581900
Longitude :	-120.20515100
Last Date in Agency List :	01/17/2020

Map Id: 8
Direction: SSW
Distance: 0.104 mi.
Actual: 548.665 ft.
Elevation: 0.059 mi. / 309.252 ft.
Relative: Lower

Site Name : 343636120122701
34.6099858, -120.2084845
CA

Database(s) : [NWIS]

Envirosite ID: 436544874
EPA ID: N/R

NWIS

Site Identification Number :	343636120122701
Site Type :	Well
Station Name :	006N032W12N001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	305.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20

Map Id: 8
Direction: SSW
Distance: 0.104 mi.
Actual: 548.665 ft.
Elevation: 0.059 mi. / 309.252 ft.
Relative: Lower

Site Name : 343636120122701
34.6099858, -120.2084845
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436544874
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19470101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	70.0
Hole Depth :	70.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1947-04-01
Field Water-Level Data End Date :	1969-01-17
Field Water-Level Data Count :	75
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60998580
Longitude :	-120.20848450
Last Date in Agency List :	01/17/2020

Map Id: 9
Direction: S
Distance: 0.159 mi.
Actual: 839.884 ft.
Elevation: 0.059 mi. / 311.168 ft.
Relative: Lower

Site Name : 343630120122001
34.60831919, -120.2065399
CA

Database(s) : [NWIS]

Envirosite ID: 436506126
EPA ID: N/R

NWIS

Site Identification Number :	343630120122001
Site Type :	Well
Station Name :	006N032W12N002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County

Map Id: 9
Direction: S
Distance: 0.159 mi.
Actual: 839.884 ft.
Elevation: 0.059 mi. / 311.168 ft.
Relative: Lower

Site Name : 343630120122001
34.60831919, -120.2065399
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436506126
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	305.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	36.0
Hole Depth :	70.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-08-22
Field Water-Level Data End Date :	1958-10-14
Field Water-Level Data Count :	4
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60831919
Longitude :	-120.20653990
Last Date in Agency List :	01/17/2020

Map Id: C10
Direction: SE
Distance: 0.162 mi.
Actual: 856.879 ft.
Elevation: 0.061 mi. / 319.944 ft.
Relative: Higher

Site Name : 343636120121102
34.60998584, -120.2040398
CA

Database(s) : [NWIS]

Envirosite ID: 436506312
EPA ID: N/R

NWIS

Site Identification Number :	343636120121102
Site Type :	Well
Station Name :	006N032W12P002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	317.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19240101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	50.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1953-03-11
Field Water-Level Data Count :	7
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60998584
Longitude :	-120.20403980
Last Date in Agency List :	01/17/2020

Map Id: C11
Direction: SE
Distance: 0.162 mi.
Actual: 856.879 ft.
Elevation: 0.061 mi. / 319.944 ft.
Relative: Higher

Site Name : 343636120121101
34.60998584, -120.2040398
CA

Database(s) : [NWIS]

Envirosite ID: 436544872
EPA ID: N/R

NWIS

Site Identification Number :	343636120121101
Site Type :	Well
Station Name :	006N032W12P001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	315.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19240101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	55.0
Hole Depth :	55.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.60998584
Longitude :	-120.20403980
Last Date in Agency List :	01/17/2020

Map Id: C12
Direction: SE
Distance: 0.162 mi.
Actual: 856.879 ft.
Elevation: 0.061 mi. / 319.944 ft.
Relative: Higher

Site Name : 343636120121103
34.60998584, -120.2040398
CA

Database(s) : [NWIS]

Envirosite ID: 436544873
EPA ID: N/R

NWIS

Site Identification Number :	343636120121103
Site Type :	Well
Station Name :	006N032W12P003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	316.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19240101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	42.0
Hole Depth :	50.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1950-03-01
Field Water-Level Data End Date :	1952-10-22
Field Water-Level Data Count :	21
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60998584
Longitude :	-120.20403980
Last Date in Agency List :	01/17/2020

Map Id: 13
Direction: SSE
Distance: 0.169 mi.
Actual: 890.892 ft.
Elevation: 0.06 mi. / 317.418 ft.
Relative: Higher

Site Name : 343631120121501
34.60859697, -120.205151
CA

Database(s) : [NWIS]

Envirosite ID: 436506143
EPA ID: N/R

NWIS

Site Identification Number :	343631120121501
Site Type :	Well
Station Name :	006N032W12P009S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	320.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	56.0
Hole Depth :	69.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-04-07
Field Water-Level Data End Date :	1958-10-14
Field Water-Level Data Count :	4
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60859697
Longitude :	-120.20515100
Last Date in Agency List :	01/17/2020

Map Id: 14
Direction: SSE
Distance: 0.199 mi.
Actual: 1050.992 ft.
Elevation: 0.061 mi. / 324.058 ft.
Relative: Higher

Site Name : 343632120121101
34.60887476, -120.2040398
CA

Database(s) : [NWIS]

Envirosite ID: 436544694
EPA ID: N/R

NWIS

Site Identification Number :	343632120121101
Site Type :	Well
Station Name :	006N032W12P005S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	316.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19470101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	62.0
Hole Depth :	62.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-10-01
Field Water-Level Data End Date :	1956-11-13
Field Water-Level Data Count :	12
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60887476
Longitude :	-120.20403980
Last Date in Agency List :	01/17/2020

Map Id: 15
Direction: ENE
Distance: 0.252 mi.
Actual: 1329.347 ft.
Elevation: 0.068 mi. / 356.611 ft.
Relative: Higher

Site Name : 343700120115801
34.61665237, -120.2004287
CA

Database(s) : [NWIS]

Envirosite ID: 436545747
EPA ID: N/R

NWIS

Site Identification Number :	343700120115801
Site Type :	Well
Station Name :	006N032W12G001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	357.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	55.0
Hole Depth :	55.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	01/11/1963
Water-Quality Data End Date :	01/11/1963
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1932-07-12
Field Water-Level Data End Date :	1942-03-04
Field Water-Level Data Count :	133
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61665237
Longitude :	-120.20042870
Last Date in Agency List :	01/17/2020

Map Id: D16
Direction: ENE
Distance: 0.256 mi.
Actual: 1350.045 ft.
Elevation: 0.067 mi. / 351.214 ft.
Relative: Higher

Site Name : 343654120115601
34.61498575, -120.199873
CA

Database(s) : [NWIS]

Envirosite ID: 436545570
EPA ID: N/R

NWIS

Site Identification Number :	343654120115601
Site Type :	Well
Station Name :	006N032W12G003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	355.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19310101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	125
Hole Depth :	125
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1949-10-25
Field Water-Level Data Count :	3
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61498575
Longitude :	-120.19987300
Last Date in Agency List :	01/17/2020

Map Id: 17
Direction: SSE
Distance: 0.260 mi.
Actual: 1374.448 ft.
Elevation: 0.062 mi. / 324.761 ft.
Relative: Higher

Site Name : 343629120120901
34.60804145, -120.2034842
CA

Database(s) : [NWIS]

Envirosite ID: 436544581
EPA ID: N/R

NWIS

Site Identification Number :	343629120120901
Site Type :	Well
Station Name :	006N032W12P010S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	320.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5.
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	85.0
Hole Depth :	145
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-11
Field Water-Level Data End Date :	1980-10-27
Field Water-Level Data Count :	13
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60804145
Longitude :	-120.20348420
Last Date in Agency List :	01/17/2020

Map Id: E18
Direction: SE
Distance: 0.285 mi.
Actual: 1505.596 ft.
Elevation: 0.062 mi. / 325.358 ft.
Relative: Higher

Site Name : 343635120120301
34.60970809, -120.2018175
CA

Database(s) : [NWIS]

Envirosite ID: 436506245
EPA ID: N/R

NWIS

Site Identification Number :	343635120120301
Site Type :	Well
Station Name :	006N032W12P004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	322.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19410101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	50.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1958-03-19
Field Water-Level Data Count :	14
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60970809
Longitude :	-120.20181750
Last Date in Agency List :	01/17/2020

Map Id: E19
Direction: SE
Distance: 0.285 mi.
Actual: 1505.596 ft.
Elevation: 0.062 mi. / 325.358 ft.
Relative: Higher

Site Name : 343635120120302
34.60970809, -120.2018175
CA

Database(s) : [NWIS]

Envirosite ID: 436506268
EPA ID: N/R

NWIS

Site Identification Number :	343635120120302
Site Type :	Well
Station Name :	006N032W12P007S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	321.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	50.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1950-05-09
Field Water-Level Data End Date :	1951-11-06
Field Water-Level Data Count :	5
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60970809
Longitude :	-120.20181750
Last Date in Agency List :	01/17/2020

Map Id: D20
Direction: E
Distance: 0.300 mi.
Actual: 1581.778 ft.
Elevation: 0.067 mi. / 351.857 ft.
Relative: Higher

Site Name : CA4210030
255 INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF]

Envirosite ID: 357955685
EPA ID: N/R

PWS

Facility Address :	255 INDUSTRIAL WAY, BUELLTON, CA 93427
PWS ID :	CA4210030
PWS Type :	Community water system
PWS Name :	CENTRAL COAST WATER AUTHORITY
Activity Status :	Active
Primary Source :	Surface water
Submission Year :	2019
Submission Year Quarter :	2019Q4
Population Served Count :	0
Service Connections Count :	15
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	4
Submission Status Code :	Y
First Reported Date :	02/17/1996
Last Reported Date :	12/16/2019
Deactivation Date :	N/R
GW or SW :	Surface water
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	STOKES, RAY
EPA Region :	Region 9
Admin Name :	STOKES, RAY
Owner Type :	Local government
Phone Number :	805-688-2292
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	ras@ccwa.com
Fax Number :	805-686-4700
Is Wholesaler :	Y
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	02/20/2020

PWS ENF

Facility Address :	N/R

Map Id: D20
Direction: E
Distance: 0.300 mi.
Actual: 1581.778 ft.
Elevation: 0.067 mi. / 351.857 ft.
Relative: Higher

Site Name : CA4210030
255 INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 357955685
EPA ID: N/R

PWS ENF ***(cont.)***

PWS ID :	CA4210030
PWS Name :	CENTRAL COAST WATER AUTHORITY
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Surface water
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Local government
Phone Number :	805-688-2292
Last Date in Agency List :	02/20/2020

Violation Details

RTC Enforcement ID :	9306004
Violation ID :	1
Submission Year :	2019
Violation First Reported Date :	02/22/2016
Contaminant Name :	TTHM
Rule Family :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Monitoring, Routine (IDSE)
Is Health Based :	N
Is Major Violation :	Y
Severity Indicator Count :	-
Public Notification Tier :	3
Address Line 1 :	255 INDUSTRIAL WAY, BUELLTON, 93427
Address Line 2 :	-
Compliance Status :	Returned to Compliance
RTC Date :	01/01/2016
Enforcement Action Description :	State Compliance achieved
Admin Name :	STOKES, RAY
Email Address :	ras@ccwa.com

RTC Enforcement ID :	9306004
Violation ID :	2
Submission Year :	2019
Violation First Reported Date :	02/22/2016
Contaminant Name :	Total Haloacetic Acids (HAA5)
Rule Family :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Rule Group :	Disinfectants and Disinfection Byproducts Rule
Rule Name :	Stage 2 Disinfectants and Disinfection Byproducts Rule
Violation Type :	Monitoring, Routine (IDSE)
Is Health Based :	N
Is Major Violation :	Y
Severity Indicator Count :	-
Public Notification Tier :	3
Address Line 1 :	255 INDUSTRIAL WAY, BUELLTON, 93427
Address Line 2 :	-
Compliance Status :	Returned to Compliance
RTC Date :	01/01/2016
Enforcement Action Description :	State Compliance achieved
Admin Name :	STOKES, RAY

Map Id: D20
Direction: E
Distance: 0.300 mi.
Actual: 1581.778 ft.
Elevation: 0.067 mi. / 351.857 ft.
Relative: Higher

Site Name : CA4210030
255 INDUSTRIAL WAY
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 357955685
EPA ID: N/R

PWS ENF ***(cont.)***

Email Address :	ras@ccwa.com

Map Id: E21
Direction: SE
Distance: 0.301 mi.
Actual: 1591.121 ft.
Elevation: 0.061 mi. / 324.219 ft.
Relative: Higher

Site Name : 343633120120301
34.60915255, -120.2018175
CA

Database(s) : [NWIS]

Envirosite ID: 436506184
EPA ID: N/R

NWIS

Site Identification Number :	343633120120301
Site Type :	Well
Station Name :	006N032W12P006S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	318.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19440101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	83.0
Hole Depth :	83.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1945-09-19

Map Id: E21
Direction: SE
Distance: 0.301 mi.
Actual: 1591.121 ft.
Elevation: 0.061 mi. / 324.219 ft.
Relative: Higher

Site Name : 343633120120301
34.60915255, -120.2018175
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436506184
EPA ID: N/R

NWIS ***(cont.)***

Field Water-Level Data End Date :	1954-03-18
Field Water-Level Data Count :	12
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60915255
Longitude :	-120.20181750
Last Date in Agency List :	01/17/2020

Map Id: F22
Direction: NW
Distance: 0.315 mi.
Actual: 1661.457 ft.
Elevation: 0.06 mi. / 319.101 ft.
Relative: Higher

Site Name : 343704120123901
34.61776334, -120.211818
CA

Database(s) : [NWIS]

Envirosite ID: 436507260
EPA ID: N/R

NWIS

Site Identification Number :	343704120123901
Site Type :	Well
Station Name :	006N032W11A002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	320.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	77.0
Hole Depth :	134
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0

Map Id: F22
Direction: NW
Distance: 0.315 mi.
Actual: 1661.457 ft.
Elevation: 0.06 mi. / 319.101 ft.
Relative: Higher

Site Name : 343704120123901
34.61776334, -120.211818
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436507260
EPA ID: N/R

NWIS ***(cont.)***

Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-03-01
Field Water-Level Data End Date :	1957-03-15
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61776334
Longitude :	-120.21181800
Last Date in Agency List :	01/17/2020

Map Id: 23
Direction: SSE
Distance: 0.321 mi.
Actual: 1695.912 ft.
Elevation: 0.063 mi. / 333.104 ft.
Relative: Higher

Site Name : 343627120120601
34.6074859, -120.2026509
CA

Database(s) : [NWIS]

Envirosite ID: 436506023
EPA ID: N/R

NWIS

Site Identification Number :	343627120120601
Site Type :	Well
Station Name :	006N032W12P008S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	360.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19530101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers

Map Id: 23
Direction: SSE
Distance: 0.321 mi.
Actual: 1695.912 ft.
Elevation: 0.063 mi. / 333.104 ft.
Relative: Higher

Site Name : 343627120120601
34.6074859, -120.2026509
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436506023
EPA ID: N/R

NWIS ***(cont.)***

Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	56.0
Hole Depth :	64.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1953-10-01
Field Water-Level Data End Date :	1987-04-29
Field Water-Level Data Count :	37
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60748590
Longitude :	-120.20265090
Last Date in Agency List :	01/17/2020

Map Id: 24
Direction: NNE
Distance: 0.322 mi.
Actual: 1698.879 ft.
Elevation: 0.072 mi. / 381.017 ft.
Relative: Higher

Site Name : 343711120120801
34.6197078, -120.2032066
CA

Database(s) : [NWIS]

Envirosite ID: 436546101
EPA ID: N/R

NWIS

Site Identification Number :	343711120120801
Site Type :	Well
Station Name :	006N032W12C002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	380.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

Map Id: 24
Direction: NNE
Distance: 0.322 mi.
Actual: 1698.879 ft.
Elevation: 0.072 mi. / 381.017 ft.
Relative: Higher

Site Name : 343711120120801
34.6197078, -120.2032066
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436546101
EPA ID: N/R

NWIS ***(cont.)***

Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	155
Hole Depth :	155
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1959-01-13
Field Water-Level Data Count :	129
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61970780
Longitude :	-120.20320660
Last Date in Agency List :	01/17/2020

Map Id: 25
Direction: SW
Distance: 0.323 mi.
Actual: 1702.930 ft.
Elevation: 0.066 mi. / 349.085 ft.
Relative: Higher

Site Name : 343626120123501
34.60720807, -120.2107068
CA

Database(s) : [NWIS]

Envirosite ID: 436544484
EPA ID: N/R

NWIS

Site Identification Number :	343626120123501
Site Type :	Well
Station Name :	006N032W14A002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	342.00
Method Altitude Determined :	Level or other surveyed method.

Map Id: 25
Direction: SW
Distance: 0.323 mi.
Actual: 1702.930 ft.
Elevation: 0.066 mi. / 349.085 ft.
Relative: Higher

Site Name : 343626120123501
34.60720807, -120.2107068
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436544484
EPA ID: N/R

NWIS ***(cont.)***

Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.60720807
Longitude :	-120.21070680
Last Date in Agency List :	01/17/2020

Map Id: G26
Direction: WNW
Distance: 0.325 mi.
Actual: 1713.507 ft.
Elevation: 0.057 mi. / 303.396 ft.
Relative: Lower

Site Name : 343658120124501
34.6160967, -120.2134848
CA

Database(s) : [NWIS]

Envirosite ID: 436545666
EPA ID: N/R

NWIS

Site Identification Number :	343658120124501
Site Type :	Well
Station Name :	006N032W11H003S
Agency :	U.S. Geological Survey
District :	California
State :	CA

Map Id: G26
Direction: WNW
Distance: 0.325 mi.
Actual: 1713.507 ft.
Elevation: 0.057 mi. / 303.396 ft.
Relative: Lower

Site Name : 343658120124501
34.6160967, -120.2134848
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436545666
EPA ID: N/R

NWIS ***(cont.)***

County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	300.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1953-11-01
Field Water-Level Data End Date :	1957-10-07
Field Water-Level Data Count :	14
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61609670
Longitude :	-120.21348480
Last Date in Agency List :	01/17/2020

Map Id: 27
Direction: WSW
Distance: 0.325 mi.
Actual: 1716.248 ft.
Elevation: 0.06 mi. / 314.774 ft.
Relative: Lower

Site Name : 343639120124401
34.61081906, -120.2132069
CA

Database(s) : [NWIS]

Envirosite ID: 436506401
EPA ID: N/R

NWIS

Site Identification Number :	343639120124401
Site Type :	Well
Station Name :	006N032W11R002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	SESES11 T06N R32W S
Name of Location Map :	SOLVANG, CA
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	313
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19400101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	64
Hole Depth :	65
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1931-02-01
Field Water-Level Data End Date :	1940-01-22
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61081906
Longitude :	-120.21320690
Last Date in Agency List :	01/17/2020

Map Id: E28
Direction: SE
Distance: 0.332 mi.
Actual: 1752.398 ft.
Elevation: 0.061 mi. / 322.749 ft.
Relative: Higher

Site Name : 343631120120201
34.608597, -120.2015397
CA

Database(s) : [NWIS]

Envirosite ID: 436544656
EPA ID: N/R

NWIS

Site Identification Number :	343631120120201
Site Type :	Well
Station Name :	006N032W12Q001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	SESESWS12T06NR32WS
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	318.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	50.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/24/1980
Water-Quality Data End Date :	04/24/1980
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1932-07-12
Field Water-Level Data End Date :	1987-04-29
Field Water-Level Data Count :	310
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60859700
Longitude :	-120.20153970
Last Date in Agency List :	01/17/2020

Map Id: D29
Direction: E
Distance: 0.353 mi.
Actual: 1862.551 ft.
Elevation: 0.067 mi. / 354.577 ft.
Relative: Higher

Site Name : 343652120115001
34.6144302, -120.1982063
CA

Database(s) : [NWIS]

Envirosite ID: 436545541
EPA ID: N/R

NWIS

Site Identification Number :	343652120115001
Site Type :	Well
Station Name :	006N032W12K001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	109
Hole Depth :	109
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	10/30/1941
Water-Quality Data End Date :	10/30/1941
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1931-03-12
Field Water-Level Data End Date :	1959-04-07
Field Water-Level Data Count :	45
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61443020
Longitude :	-120.19820630
Last Date in Agency List :	01/17/2020

Map Id: G30
Direction: WNW
Distance: 0.356 mi.
Actual: 1877.460 ft.
Elevation: 0.057 mi. / 302.441 ft.
Relative: Lower

Site Name : 343700120124602
34.61665224, -120.2137626
CA

Database(s) : [NWIS]

Envirosite ID: 436507131
EPA ID: N/R

NWIS

Site Identification Number :	343700120124602
Site Type :	Well
Station Name :	006N032W11H002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	299.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1953-10-01
Field Water-Level Data End Date :	1969-01-17
Field Water-Level Data Count :	193
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61665224
Longitude :	-120.21376260
Last Date in Agency List :	01/17/2020

Map Id: G31
Direction: WNW
Distance: 0.356 mi.
Actual: 1877.460 ft.
Elevation: 0.057 mi. / 302.441 ft.
Relative: Lower

Site Name : 343700120124601
34.61665224, -120.2137626
CA

Database(s) : [NWIS]

Envirosite ID: 436545748
EPA ID: N/R

NWIS

Site Identification Number :	343700120124601
Site Type :	Well
Station Name :	006N032W11H001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	299.00
Method Altitude Determined :	Altimeter.
Altitude Accuracy :	5.
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19390101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	40.0
Hole Depth :	42.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	10/21/1941
Water-Quality Data End Date :	10/21/1941
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1939-07-01
Field Water-Level Data End Date :	1949-10-25
Field Water-Level Data Count :	29
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61665224
Longitude :	-120.21376260
Last Date in Agency List :	01/17/2020

Map Id: F32
Direction: NW
Distance: 0.361 mi.
Actual: 1906.101 ft.
Elevation: 0.06 mi. / 315.725 ft.
Relative: Lower

Site Name : 343705120124201
34.6180411, -120.2126514
CA

Database(s) : [NWIS]

Envirosite ID: 436545932
EPA ID: N/R

NWIS

Site Identification Number :	343705120124201
Site Type :	Well
Station Name :	006N032W11A001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	342.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19460101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	125
Hole Depth :	125
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1947
Field Water-Level Data End Date :	1955-07-14
Field Water-Level Data Count :	165
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61804110
Longitude :	-120.21265140
Last Date in Agency List :	01/17/2020

Map Id: 33
Direction: ENE
Distance: 0.374 mi.
Actual: 1976.957 ft.
Elevation: 0.068 mi. / 360.778 ft.
Relative: Higher

Site Name : 343658120114901
34.61609685, -120.1979285
CA

Database(s) : [NWIS]

Envirosite ID: 436506963
EPA ID: N/R

NWIS

Site Identification Number :	343658120114901
Site Type :	Well
Station Name :	006N032W12G002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	359.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19310101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	161
Hole Depth :	161
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1951-04-06
Field Water-Level Data Count :	6
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61609685
Longitude :	-120.19792850
Last Date in Agency List :	01/17/2020

Map Id: H34
Direction: NNE
Distance: 0.375 mi.
Actual: 1982.295 ft.
Elevation: 0.074 mi. / 388.255 ft.
Relative: Higher

Site Name : 343713120120501
34.62026337, -120.2023732
CA

Database(s) : [NWIS]

Envirosite ID: 436546173
EPA ID: N/R

NWIS

Site Identification Number :	343713120120501
Site Type :	Well
Station Name :	006N032W12C003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	390.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19500101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	170
Hole Depth :	170
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.62026337
Longitude :	-120.20237320
Last Date in Agency List :	01/17/2020

Map Id: 35
Direction: SW
Distance: 0.386 mi.
Actual: 2036.679 ft.
Elevation: 0.065 mi. / 344.774 ft.
Relative: Higher

Site Name : 343628120124201
34.60776359, -120.2126513
CA

Database(s) : [NWIS]

Envirosite ID: 436506067
EPA ID: N/R

NWIS

Site Identification Number :	343628120124201
Site Type :	Well
Station Name :	006N032W11R003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	337.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19530101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	61.0
Hole Depth :	61.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1953-10-01
Field Water-Level Data End Date :	1959-03-12
Field Water-Level Data Count :	21
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60776359
Longitude :	-120.21265130
Last Date in Agency List :	01/17/2020

Map Id: H36
Direction: NNE
Distance: 0.399 mi.
Actual: 2105.915 ft.
Elevation: 0.074 mi. / 393.264 ft.
Relative: Higher

Site Name : 343714120120401
34.62054114, -120.2020954
CA

Database(s) : [NWIS]

Envirosite ID: 436546212
EPA ID: N/R

NWIS

Site Identification Number :	343714120120401
Site Type :	Well
Station Name :	006N032W12C001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	400.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19120101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	93.0
Hole Depth :	100
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-11-14
Field Water-Level Data End Date :	1950-03-16
Field Water-Level Data Count :	16
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.62054114
Longitude :	-120.20209540
Last Date in Agency List :	01/17/2020

Map Id: 37
Direction: WNW
Distance: 0.408 mi.
Actual: 2154.193 ft.
Elevation: 0.057 mi. / 301.759 ft.
Relative: Lower

Site Name : 343705120124601
34.6180411, -120.2137626
CA

Database(s) : [NWIS]

Envirosite ID: 436545933
EPA ID: N/R

NWIS

Site Identification Number :	343705120124601
Site Type :	Well
Station Name :	006N032W11B005S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	302.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61804110
Longitude :	-120.21376260
Last Date in Agency List :	01/17/2020

Map Id: 38
Direction: WSW
Distance: 0.421 mi.
Actual: 2222.302 ft.
Elevation: 0.061 mi. / 320.371 ft.
Relative: Higher

Site Name : 343636120124901
34.60998574, -120.2145958
CA

Database(s) : [NWIS]

Envirosite ID: 436506313
EPA ID: N/R

NWIS

Site Identification Number :	343636120124901
Site Type :	Well
Station Name :	006N032W11R001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	313.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19310101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	64.0
Hole Depth :	64.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1938-04-01
Field Water-Level Data End Date :	1953-09-22
Field Water-Level Data Count :	6
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60998574
Longitude :	-120.21459580
Last Date in Agency List :	01/17/2020

Map Id: I39
Direction: E
Distance: 0.432 mi.
Actual: 2278.453 ft.
Elevation: 0.068 mi. / 359.518 ft.
Relative: Higher

Site Name : 343652120114501
34.61443024, -120.1968174
CA

Database(s) : [NWIS]

Envirosite ID: 436506782
EPA ID: N/R

NWIS

Site Identification Number :	343652120114501
Site Type :	Well
Station Name :	006N032W12H001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	362.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	148
Hole Depth :	148
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-04-12
Field Water-Level Data End Date :	1954-03-17
Field Water-Level Data Count :	29
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61443024
Longitude :	-120.19681740
Last Date in Agency List :	01/17/2020

Map Id: I40
Direction: E
Distance: 0.434 mi.
Actual: 2289.637 ft.
Elevation: 0.068 mi. / 357.72 ft.
Relative: Higher

Site Name : 343651120114501
34.61415247, -120.1968174
CA

Database(s) : [NWIS]

Envirosite ID: 436545497
EPA ID: N/R

NWIS

Site Identification Number :	343651120114501
Site Type :	Well
Station Name :	006N032W12J001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	356.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19250101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	125
Hole Depth :	125
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-07-12
Field Water-Level Data End Date :	1954-11-12
Field Water-Level Data Count :	73
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61415247
Longitude :	-120.19681740
Last Date in Agency List :	01/17/2020

Map Id: 41
Direction: WNW
Distance: 0.440 mi.
Actual: 2320.878 ft.
Elevation: 0.057 mi. / 302.703 ft.
Relative: Lower

Site Name : 343658120125301
34.61609668, -120.215707
CA

Database(s) : [NWIS]

Envirosite ID: 436506964
EPA ID: N/R

NWIS

Site Identification Number :	343658120125301
Site Type :	Well
Station Name :	006N032W11G002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	296.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19510101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	7.0
Hole Depth :	7.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1951-01
Field Water-Level Data End Date :	1951-01
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61609668
Longitude :	-120.21570700
Last Date in Agency List :	01/17/2020

Map Id: 42
Direction: S
Distance: 0.441 mi.
Actual: 2326.321 ft.
Elevation: 0.066 mi. / 346.631 ft.
Relative: Higher

Site Name : 343616120121401
34.6044304, -120.2048731
CA

Database(s) : [NWIS]

Envirosite ID: 436544151
EPA ID: N/R

NWIS

Site Identification Number :	343616120121401
Site Type :	Well
Station Name :	006N032W13C001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	344.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-03-01
Field Water-Level Data End Date :	1958-03-13
Field Water-Level Data Count :	32
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60443040
Longitude :	-120.20487310
Last Date in Agency List :	01/17/2020

Map Id: I43
Direction: E
Distance: 0.453 mi.
Actual: 2390.176 ft.
Elevation: 0.068 mi. / 356.831 ft.
Relative: Higher

Site Name : 343600120110001
34.61388889, -120.1965278
CA

Database(s) : [NWIS]

Envirosite ID: 436505132
EPA ID: N/R

NWIS

Site Identification Number :	343600120110001
Site Type :	Well
Station Name :	006N032W12J012S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG, CA
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	355
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	20
Altitude Datum :	North American Vertical Datum of 1988
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NONONNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19910412
Date Site Established or Inventoried:	20080604
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YY Y
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	888
Hole Depth :	1040
Source of Depth Data :	D
Project Number :	9677BHM62
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	06/04/2008
Water-Quality Data End Date :	06/04/2008
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	2018-07-03
Field Water-Level Data End Date :	2018-07-03
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61388889
Longitude :	-120.19652780
Last Date in Agency List :	01/17/2020

Map Id: I44
Direction: E
Distance: 0.456 mi.
Actual: 2406.731 ft.
Elevation: 0.067 mi. / 353.396 ft.
Relative: Higher

Site Name : 343649120114401
34.6135969, -120.1965396
CA

Database(s) : [NWIS]

Envirosite ID: 436506636
EPA ID: N/R

NWIS

Site Identification Number :	343649120114401
Site Type :	Well
Station Name :	006N032W12K002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	350.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5.
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19640101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	1000
Hole Depth :	1200
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1964-05-28
Field Water-Level Data End Date :	1968-01-08
Field Water-Level Data Count :	3
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61359690
Longitude :	-120.19653960
Last Date in Agency List :	01/17/2020

Map Id: 45
Direction: NNW
Distance: 0.476 mi.
Actual: 2511.174 ft.
Elevation: 0.07 mi. / 369.39 ft.
Relative: Higher

Site Name : 343715120123601
34.6208188, -120.2109847
CA

Database(s) : [NWIS]

Envirosite ID: 436507666
EPA ID: N/R

NWIS

Site Identification Number :	343715120123601
Site Type :	Well
Station Name :	006N032W11A003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	NWNENES11T06NR32WS
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	370.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	020
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19740805
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	852
Source of Depth Data :	N/R
Project Number :	7479302000
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.62081880
Longitude :	-120.21098470
Last Date in Agency List :	01/17/2020

Map Id: 46
Direction: E
Distance: 0.507 mi.
Actual: 2679.437 ft.
Elevation: 0.065 mi. / 341.739 ft.
Relative: Higher

Site Name : 343645120114201
34.61248585, -120.195984
CA

Database(s) : [NWIS]

Envirosite ID: 436545259
EPA ID: N/R

NWIS

Site Identification Number :	343645120114201
Site Type :	Well
Station Name :	006N032W12J003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	353.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	103
Hole Depth :	103
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1952-03-10
Field Water-Level Data Count :	9
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61248585
Longitude :	-120.19598400
Last Date in Agency List :	01/17/2020

Map Id: 47
Direction: ENE
Distance: 0.512 mi.
Actual: 2704.478 ft.
Elevation: 0.07 mi. / 368.038 ft.
Relative: Higher

Site Name : 343657120114001
34.6158191, -120.1954284
CA

Database(s) : [NWIS]

Envirosite ID: 436506947
EPA ID: N/R

NWIS

Site Identification Number :	343657120114001
Site Type :	Well
Station Name :	006N032W12H004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	368.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	NYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-10-01
Field Water-Level Data End Date :	1949-10-26
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61581910
Longitude :	-120.19542840
Last Date in Agency List :	01/17/2020

Map Id: J48
Direction: WNW
Distance: 0.514 mi.
Actual: 2713.446 ft.
Elevation: 0.057 mi. / 302.392 ft.
Relative: Lower

Site Name : 343658120125801
34.61609667, -120.217096
CA

Database(s) : [NWIS]

Envirosite ID: 436545667
EPA ID: N/R

NWIS

Site Identification Number :	343658120125801
Site Type :	Well
Station Name :	006N032W11G003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	301.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19540101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	25.0
Hole Depth :	28.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1954-01-01
Field Water-Level Data End Date :	1969-01-17
Field Water-Level Data Count :	246
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61609667
Longitude :	-120.21709600
Last Date in Agency List :	01/17/2020

Map Id: J49
Direction: W
Distance: 0.518 mi.
Actual: 2737.298 ft.
Elevation: 0.057 mi. / 303.573 ft.
Relative: Lower

Site Name : 343656120125901
34.6155411, -120.2173738
CA

Database(s) : [NWIS]

Envirosite ID: 436506935
EPA ID: N/R

NWIS

Site Identification Number :	343656120125901
Site Type :	Well
Station Name :	006N032W11G001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	303.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19510101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	19.0
Hole Depth :	19.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1951-01-01
Field Water-Level Data End Date :	1959-06-17
Field Water-Level Data Count :	168
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61554110
Longitude :	-120.21737380
Last Date in Agency List :	01/17/2020

Map Id: 50
Direction: W
Distance: 0.523 mi.
Actual: 2762.618 ft.
Elevation: 0.061 mi. / 321.106 ft.
Relative: Higher

Site Name : 343642120125901
34.61165234, -120.2173738
CA

Database(s) : [NWIS]

Envirosite ID: 436506452
EPA ID: N/R

NWIS

Site Identification Number :	343642120125901
Site Type :	Well
Station Name :	006N032W11K001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	308.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	65.0
Hole Depth :	65.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-06-01
Field Water-Level Data End Date :	1959-05-19
Field Water-Level Data Count :	143
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61165234
Longitude :	-120.21737380
Last Date in Agency List :	01/17/2020

Map Id: K51
Direction: WNW
Distance: 0.555 mi.
Actual: 2930.227 ft.
Elevation: 0.057 mi. / 301.749 ft.
Relative: Lower

Site Name : 343709120125402
34.61915216, -120.2159849
CA

Database(s) : [NWIS]

Envirosite ID: 436507430
EPA ID: N/R

NWIS

Site Identification Number :	343709120125402
Site Type :	Well
Station Name :	006N032W11B003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	302.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19450101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	28.0
Hole Depth :	28.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-09-01
Field Water-Level Data End Date :	1958-03-18
Field Water-Level Data Count :	18
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61915216
Longitude :	-120.21598490
Last Date in Agency List :	01/17/2020

Map Id: K52
Direction: WNW
Distance: 0.555 mi.
Actual: 2930.227 ft.
Elevation: 0.057 mi. / 301.749 ft.
Relative: Lower

Site Name : 343709120125401
34.61915216, -120.2159849
CA

Database(s) : [NWIS]

Envirosite ID: 436546052
EPA ID: N/R

NWIS

Site Identification Number :	343709120125401
Site Type :	Well
Station Name :	006N032W11B002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	302.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19390101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	13.0
Hole Depth :	15.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-09-01
Field Water-Level Data End Date :	1952-03-11
Field Water-Level Data Count :	7
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61915216
Longitude :	-120.21598490
Last Date in Agency List :	01/17/2020

Map Id: 53
Direction: SSW
Distance: 0.556 mi.
Actual: 2935.109 ft.
Elevation: 0.074 mi. / 390.728 ft.
Relative: Higher

Site Name : 343612120123601
34.60331928, -120.2109845
CA

Database(s) : [NWIS]

Envirosite ID: 436505515
EPA ID: N/R

NWIS

Site Identification Number :	343612120123601
Site Type :	Well
Station Name :	006N032W14A001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	356.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	73.0
Hole Depth :	73.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-06-17
Field Water-Level Data End Date :	1941-06-17
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60331928
Longitude :	-120.21098450
Last Date in Agency List :	01/17/2020

Map Id: K54
Direction: NW
Distance: 0.567 mi.
Actual: 2992.388 ft.
Elevation: 0.057 mi. / 303.507 ft.
Relative: Lower

Site Name : 343711120125301
34.6197077, -120.215707
CA

Database(s) : [NWIS]

Envirosite ID: 436507509
EPA ID: N/R

NWIS

Site Identification Number :	343711120125301
Site Type :	Well
Station Name :	006N032W11B006S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	330.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	10
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19690101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	76.0
Hole Depth :	94.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1969-03
Field Water-Level Data End Date :	1970-11-23
Field Water-Level Data Count :	3
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61970770
Longitude :	-120.21570700
Last Date in Agency List :	01/17/2020

Map Id: L55
Direction: E
Distance: 0.567 mi.
Actual: 2996.088 ft.
Elevation: 0.066 mi. / 349.209 ft.
Relative: Higher

Site Name : 343645120113801
34.61248586, -120.1948728
CA

Database(s) : [NWIS]

Envirosite ID: 436545258
EPA ID: N/R

NWIS

Site Identification Number :	343645120113801
Site Type :	Well
Station Name :	006N032W12J005S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	355.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19250101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	62.0
Hole Depth :	62.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-03-29
Field Water-Level Data End Date :	1953-10-19
Field Water-Level Data Count :	24
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61248586
Longitude :	-120.19487280
Last Date in Agency List :	01/17/2020

Map Id: M56
Direction: E
Distance: 0.568 mi.
Actual: 3000.143 ft.
Elevation: 0.069 mi. / 363.31 ft.
Relative: Higher

Site Name : 343648120113701
34.61331918, -120.194595
CA

Database(s) : [NWIS]

Envirosite ID: 436506620
EPA ID: N/R

NWIS

Site Identification Number :	343648120113701
Site Type :	Well
Station Name :	006N032W12J002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	357.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19210101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	124
Hole Depth :	172
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-01
Field Water-Level Data End Date :	1955-02-24
Field Water-Level Data Count :	196
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61331918
Longitude :	-120.19459500
Last Date in Agency List :	01/17/2020

Map Id: 57
Direction: SSE
Distance: 0.572 mi.
Actual: 3018.101 ft.
Elevation: 0.062 mi. / 329.934 ft.
Relative: Higher

Site Name : 343614120120001
34.6038749, -120.200984
CA

Database(s) : [NWIS]

Envirosite ID: 436505562
EPA ID: N/R

NWIS

Site Identification Number :	343614120120001
Site Type :	Well
Station Name :	006N032W13B001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	316.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19510101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	61.0
Hole Depth :	64.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1951-04-01
Field Water-Level Data End Date :	1958-03-13
Field Water-Level Data Count :	9
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60387490
Longitude :	-120.20098400
Last Date in Agency List :	01/17/2020

Map Id: 58
Direction: ESE
Distance: 0.575 mi.
Actual: 3033.836 ft.
Elevation: 0.065 mi. / 345.443 ft.
Relative: Higher

Site Name : 343640120114001
34.611097, -120.1954284
CA

Database(s) : [NWIS]

Envirosite ID: 436545018
EPA ID: N/R

NWIS

Site Identification Number :	343640120114001
Site Type :	Well
Station Name :	006N032W12J004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	350.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	60.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-08-01
Field Water-Level Data End Date :	1949-08-24
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61109700
Longitude :	-120.19542840
Last Date in Agency List :	01/17/2020

Map Id: N59
Direction: NW
Distance: 0.579 mi.
Actual: 3056.157 ft.
Elevation: 0.068 mi. / 360.577 ft.
Relative: Higher

Site Name : CA4200970
795 W. HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [PWS]

Envirosite ID: 410333764
EPA ID: N/R

PWS

Facility Address :	795 W. Highway 246, BUELLTON, CA 93427
PWS ID :	CA4200970
PWS Type :	Transient non-community system
PWS Name :	BRICK BARN ESTATE WINERY
Activity Status :	Active
Primary Source :	Ground water
Submission Year :	2019
Submission Year Quarter :	2019Q1
Population Served Count :	60
Service Connections Count :	6
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	1
Submission Status Code :	Y
First Reported Date :	08/23/2018
Last Reported Date :	03/29/2019
Deactivation Date :	N/R
GW or SW :	Groundwater
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	WILLIAMS, NORMAN L
EPA Region :	Region 9
Admin Name :	WILLIAMS, NORMAN L
Owner Type :	Private
Phone Number :	805-686-1208
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	normanlwilliams@gmail.com
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	1-Jan
Season End Date :	31-Dec
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	05/16/2019

Map Id: N60
Direction: NW
Distance: 0.579 mi.
Actual: 3056.157 ft.
Elevation: 0.068 mi. / 360.577 ft.
Relative: Higher

Site Name : CA4200970
795 WEST HIGHWAY 246
BUELLTON, CA 93427

Database(s) : [PWS]

Envirosite ID: 427284228
EPA ID: N/R

PWS

Facility Address :	795 WEST HIGHWAY 246, BUELLTON, CA 93427
PWS ID :	CA4200970
PWS Type :	Transient non-community system
PWS Name :	BRICK BARN ESTATE WINERY
Activity Status :	Active
Primary Source :	Ground water
Submission Year :	2019
Submission Year Quarter :	2019Q4
Population Served Count :	60
Service Connections Count :	6
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	4
Submission Status Code :	Y
First Reported Date :	08/23/2018
Last Reported Date :	12/16/2019
Deactivation Date :	N/R
GW or SW :	Groundwater
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	STAMOS, SANDRA
EPA Region :	Region 9
Admin Name :	STAMOS, SANDRA
Owner Type :	Private
Phone Number :	805-686-1208
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	SANDRA@BRICKBARNWINEESTATE.COM
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	01-01
Season End Date :	12-31
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	02/20/2020

Map Id: O61
Direction: E
Distance: 0.588 mi.
Actual: 3106.979 ft.
Elevation: 0.069 mi. / 365.187 ft.
Relative: Higher

Site Name : 343653120113501
34.61470804, -120.1940395
CA

Database(s) : [NWIS]

Envirosite ID: 436506820
EPA ID: N/R

NWIS

Site Identification Number :	343653120113501
Site Type :	Well
Station Name :	006N032W12H002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	363.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	90.0
Hole Depth :	90.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1931-02-01
Field Water-Level Data End Date :	1955-10-12
Field Water-Level Data Count :	31
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61470804
Longitude :	-120.19403950
Last Date in Agency List :	01/17/2020

Map Id: L62
Direction: E
Distance: 0.603 mi.
Actual: 3186.403 ft.
Elevation: 0.066 mi. / 346.184 ft.
Relative: Higher

Site Name : 343644120113601
34.6122081, -120.1943172
CA

Database(s) : [NWIS]

Envirosite ID: 436545183
EPA ID: N/R

NWIS

Site Identification Number :	343644120113601
Site Type :	Well
Station Name :	006N032W12J006S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	349.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	174
Hole Depth :	174
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61220810
Longitude :	-120.19431720
Last Date in Agency List :	01/17/2020

Map Id: O63
Direction: E
Distance: 0.604 mi.
Actual: 3188.923 ft.
Elevation: 0.069 mi. / 364.449 ft.
Relative: Higher

Site Name : 343654120113401
34.6149858, -120.1937617
CA

Database(s) : [NWIS]

Envirosite ID: 436506836
EPA ID: N/R

NWIS

Site Identification Number :	343654120113401
Site Type :	Well
Station Name :	006N032W12H003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	362.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	137
Hole Depth :	137
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61498580
Longitude :	-120.19376170
Last Date in Agency List :	01/17/2020

Map Id: M64
Direction: E
Distance: 0.619 mi.
Actual: 3266.506 ft.
Elevation: 0.069 mi. / 362.431 ft.
Relative: Higher

Site Name : 343647120113401
34.6130414, -120.1937617
CA

Database(s) : [NWIS]

Envirosite ID: 436506600
EPA ID: N/R

NWIS

Site Identification Number :	343647120113401
Site Type :	Well
Station Name :	006N032W12J007S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	353.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	95.0
Hole Depth :	95.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-06-19
Field Water-Level Data End Date :	1942-10-30
Field Water-Level Data Count :	136
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61304140
Longitude :	-120.19376170
Last Date in Agency List :	01/17/2020

Map Id: M65
Direction: E
Distance: 0.619 mi.
Actual: 3266.506 ft.
Elevation: 0.069 mi. / 362.431 ft.
Relative: Higher

Site Name : 343647120113402
34.6130414, -120.1937617
CA

Database(s) : [NWIS]

Envirosite ID: 436506601
EPA ID: N/R

NWIS

Site Identification Number :	343647120113402
Site Type :	Well
Station Name :	006N032W12J008S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	353.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	268
Hole Depth :	268
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61304140
Longitude :	-120.19376170
Last Date in Agency List :	01/17/2020

Map Id: 66
Direction: ESE
Distance: 0.624 mi.
Actual: 3296.661 ft.
Elevation: 0.061 mi. / 322.28 ft.
Relative: Higher

Site Name : 11129500
34.6069304, -120.1968173
CA

Database(s) : [NWIS]

Envirosite ID: 436175973
EPA ID: N/R

NWIS

Site Identification Number :	11129500
Site Type :	Stream
Station Name :	SANTA YNEZ R A BUELLTON CA
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	N/R
Scale of Location Map :	N/R
Altitude of Gage/Land Surface :	N/R
Method Altitude Determined :	N/R
Altitude Accuracy :	N/R
Altitude Datum :	N/R
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNI
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	611
Contributing Drainage Area :	N/R
Data Reliability :	N/R
Data-other GW Files :	NNNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	01/18/1955
Peak-Streamflow Data End Date :	02/16/1959
Peak-Streamflow Data Count :	5
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	--
Field Water-Level Data End Date :	--
Field Water-Level Data Count :	0
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60693040
Longitude :	-120.19681730
Last Date in Agency List :	01/17/2020

Map Id: 67
Direction: NNW
Distance: 0.635 mi.
Actual: 3353.972 ft.
Elevation: 0.072 mi. / 378.14 ft.
Relative: Higher

Site Name : 343722120124201
34.6227632, -120.2126515
CA

Database(s) : [NWIS]

Envirosite ID: 436507881
EPA ID: N/R

NWIS

Site Identification Number :	343722120124201
Site Type :	Well
Station Name :	006N032W02R001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	380.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.62276320
Longitude :	-120.21265150
Last Date in Agency List :	01/17/2020

Map Id: 68
Direction: WNW
Distance: 0.637 mi.
Actual: 3365.049 ft.
Elevation: 0.057 mi. / 301.959 ft.
Relative: Lower

Site Name : 343708120130101
34.61887437, -120.2179294
CA

Database(s) : [NWIS]

Envirosite ID: 436546021
EPA ID: N/R

NWIS

Site Identification Number :	343708120130101
Site Type :	Well
Station Name :	006N032W11B004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	295.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	NYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-10-01
Field Water-Level Data End Date :	1958-10-13
Field Water-Level Data Count :	4
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61887437
Longitude :	-120.21792940
Last Date in Agency List :	01/17/2020

Map Id: P69
Direction: NW
Distance: 0.639 mi.
Actual: 3374.205 ft.
Elevation: 0.066 mi. / 350.712 ft.
Relative: Higher

Site Name : 343719120124902
34.62192988, -120.214596
CA

Database(s) : [NWIS]

Envirosite ID: 436507795
EPA ID: N/R

NWIS

Site Identification Number :	343719120124902
Site Type :	Well
Station Name :	006N032W02Q002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	359.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19490101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	80.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.62192988
Longitude :	-120.21459600
Last Date in Agency List :	01/17/2020

Map Id: P70
Direction: NW
Distance: 0.639 mi.
Actual: 3374.205 ft.
Elevation: 0.066 mi. / 350.712 ft.
Relative: Higher

Site Name : 343719120124901
34.62192988, -120.214596
CA

Database(s) : [NWIS]

Envirosite ID: 436546348
EPA ID: N/R

NWIS

Site Identification Number :	343719120124901
Site Type :	Well
Station Name :	006N032W02Q001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	359.46
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	ANNNNNNNNNNNNNNNNNNNNNNNNNNNA
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19490101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	76.0
Hole Depth :	115
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/14/1980
Water-Quality Data End Date :	07/16/1981
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	1949-10-01
Field Water-Level Data End Date :	2018-10-15
Field Water-Level Data Count :	289
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.62192988
Longitude :	-120.21459600
Last Date in Agency List :	01/17/2020

Map Id: Q71
Direction: W
Distance: 0.646 mi.
Actual: 3408.643 ft.
Elevation: 0.061 mi. / 323.114 ft.
Relative: Higher

Site Name : 343644120131101
34.6123611, -120.21975
CA

Database(s) : [NWIS]

Envirosite ID: 436506509
EPA ID: N/R

NWIS

Site Identification Number :	343644120131101
Site Type :	Well
Station Name :	006N032W11L004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	Solvang
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	321.
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	ANNNNNNNNNNNNNNNNNNNNNNNNNNNA
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	20040628
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YY YY
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	2004-06-28
Field Water-Level Data End Date :	2018-03-14
Field Water-Level Data Count :	15
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61236110
Longitude :	-120.21975000
Last Date in Agency List :	01/17/2020

Map Id: 72
Direction: NW
Distance: 0.655 mi.
Actual: 3460.853 ft.
Elevation: 0.063 mi. / 332.612 ft.
Relative: Higher

Site Name : 343716120125501
34.62109655, -120.2162627
CA

Database(s) : [NWIS]

Envirosite ID: 436507723
EPA ID: N/R

NWIS

Site Identification Number :	343716120125501
Site Type :	Well
Station Name :	006N032W11B001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	348.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	162
Hole Depth :	162
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-01-01
Field Water-Level Data End Date :	1959-04-07
Field Water-Level Data Count :	132
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.62109655
Longitude :	-120.21626270
Last Date in Agency List :	01/17/2020

Map Id: 73
Direction: SSE
Distance: 0.660 mi.
Actual: 3484.992 ft.
Elevation: 0.064 mi. / 340.089 ft.
Relative: Higher

Site Name : 343609120115901
34.60248606, -120.2007063
CA

Database(s) : [NWIS]

Envirosite ID: 436505440
EPA ID: N/R

NWIS

Site Identification Number :	343609120115901
Site Type :	Well
Station Name :	006N032W13G001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	NESENWS13T06NR32WS
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	317.87
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19510401
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	65.0
Hole Depth :	65.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1954-10-19
Field Water-Level Data End Date :	1978-01-24
Field Water-Level Data Count :	214
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60248606
Longitude :	-120.20070630
Last Date in Agency List :	01/17/2020

Map Id: Q74
Direction: W
Distance: 0.665 mi.
Actual: 3510.546 ft.
Elevation: 0.059 mi. / 310.991 ft.
Relative: Lower

Site Name : 343646120130901
34.61276339, -120.2201517
CA

Database(s) : [NWIS]

Envirosite ID: 436506569
EPA ID: N/R

NWIS

Site Identification Number :	343646120130901
Site Type :	Well
Station Name :	006N032W11L002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	NESWS11 T06N R32W S
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	300.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19320101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYYYNYYN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	60.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/24/1980
Water-Quality Data End Date :	07/24/1980
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	1940-08-08
Field Water-Level Data End Date :	1987-03-26
Field Water-Level Data Count :	264
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61276339
Longitude :	-120.22015170
Last Date in Agency List :	01/17/2020

Map Id: 75
Direction: E
Distance: 0.672 mi.
Actual: 3546.417 ft.
Elevation: 0.068 mi. / 358.058 ft.
Relative: Higher

Site Name : 11130000
34.61387474, -120.1926505
CA

Database(s) : [NWIS]

Envirosite ID: 436177744
EPA ID: N/R

NWIS

Site Identification Number :	11130000
Site Type :	Stream
Station Name :	ZACA C A BUELLTON CA
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	N/R
Scale of Location Map :	N/R
Altitude of Gage/Land Surface :	340.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	17
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNI
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	39.4
Contributing Drainage Area :	N/R
Data Reliability :	N/R
Data-other GW Files :	NNNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	03/03/1941
Peak-Streamflow Data End Date :	01/26/1964
Peak-Streamflow Data Count :	24
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	--
Field Water-Level Data End Date :	--
Field Water-Level Data Count :	0
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61387474
Longitude :	-120.19265050
Last Date in Agency List :	01/17/2020

Map Id: R76
Direction: E
Distance: 0.690 mi.
Actual: 3642.126 ft.
Elevation: 0.067 mi. / 351.394 ft.
Relative: Higher

Site Name : 343649120112901
34.61359697, -120.1923727
CA

Database(s) : [NWIS]

Envirosite ID: 436506635
EPA ID: N/R

NWIS

Site Identification Number :	343649120112901
Site Type :	Well
Station Name :	006N031W07M010S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	355.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-10-01
Field Water-Level Data End Date :	1958-03-18
Field Water-Level Data Count :	17
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61359697
Longitude :	-120.19237270
Last Date in Agency List :	01/17/2020

Map Id: S77
Direction: E
Distance: 0.709 mi.
Actual: 3745.889 ft.
Elevation: 0.066 mi. / 346.322 ft.
Relative: Higher

Site Name : 343644120112901
34.6122081, -120.1923727
CA

Database(s) : [NWIS]

Envirosite ID: 436506508
EPA ID: N/R

NWIS

Site Identification Number :	343644120112901
Site Type :	Well
Station Name :	006N032W12J009S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	346.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19480101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	65.0
Hole Depth :	65.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-08-01
Field Water-Level Data End Date :	1953-03-11
Field Water-Level Data Count :	10
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61220810
Longitude :	-120.19237270
Last Date in Agency List :	01/17/2020

Map Id: S78
Direction: E
Distance: 0.709 mi.
Actual: 3745.889 ft.
Elevation: 0.066 mi. / 346.322 ft.
Relative: Higher

Site Name : 343644120112903
34.6122081, -120.1923727
CA

Database(s) : [NWIS]

Envirosite ID: 436545182
EPA ID: N/R

NWIS

Site Identification Number :	343644120112903
Site Type :	Well
Station Name :	006N032W12J011S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19620101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	75.0
Hole Depth :	507
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/14/1980
Water-Quality Data End Date :	04/14/1980
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1966-10-01
Field Water-Level Data End Date :	1980-04-14
Field Water-Level Data Count :	21
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61220810
Longitude :	-120.19237270
Last Date in Agency List :	01/17/2020

Map Id: S79
Direction: E
Distance: 0.720 mi.
Actual: 3800.983 ft.
Elevation: 0.066 mi. / 347.802 ft.
Relative: Higher

Site Name : 343645120112801
34.61248589, -120.1920949
CA

Database(s) : [NWIS]

Envirosite ID: 436506531
EPA ID: N/R

NWIS

Site Identification Number :	343645120112801
Site Type :	Well
Station Name :	006N032W12J010S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	63.0
Hole Depth :	71.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	10/22/1939
Water-Quality Data End Date :	10/22/1939
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1930-05-01
Field Water-Level Data End Date :	1958-10-01
Field Water-Level Data Count :	15
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61248589
Longitude :	-120.19209490
Last Date in Agency List :	01/17/2020

Map Id: S80
Direction: E
Distance: 0.735 mi.
Actual: 3882.195 ft.
Elevation: 0.066 mi. / 349.245 ft.
Relative: Higher

Site Name : 343645120112701
34.61248589, -120.1918171
CA

Database(s) : [NWIS]

Envirosite ID: 436506530
EPA ID: N/R

NWIS

Site Identification Number :	343645120112701
Site Type :	Well
Station Name :	006N031W07M009S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19460101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	65.0
Hole Depth :	90.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1946-09-30
Field Water-Level Data End Date :	1958-10-18
Field Water-Level Data Count :	12
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61248589
Longitude :	-120.19181710
Last Date in Agency List :	01/17/2020

Map Id: R81
Direction: E
Distance: 0.737 mi.
Actual: 3890.596 ft.
Elevation: 0.066 mi. / 349.928 ft.
Relative: Higher

Site Name : 343649120112601
34.61359698, -120.1915394
CA

Database(s) : [NWIS]

Envirosite ID: 436545393
EPA ID: N/R

NWIS

Site Identification Number :	343649120112601
Site Type :	Well
Station Name :	006N031W07M006S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	351.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19280101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	137
Hole Depth :	137
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1943-01-01
Field Water-Level Data End Date :	1952-03-10
Field Water-Level Data Count :	6
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61359698
Longitude :	-120.19153940
Last Date in Agency List :	01/17/2020

Map Id: 82
Direction: SE
Distance: 0.738 mi.
Actual: 3895.573 ft.
Elevation: 0.062 mi. / 324.787 ft.
Relative: Higher

Site Name : 343620120114001
34.60554159, -120.1954283
CA

Database(s) : [NWIS]

Envirosite ID: 436505835
EPA ID: N/R

NWIS

Site Identification Number :	343620120114001
Site Type :	Well
Station Name :	006N032W13A001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	321.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1957-09-24
Field Water-Level Data End Date :	1960-12-20
Field Water-Level Data Count :	10
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60554159
Longitude :	-120.19542830
Last Date in Agency List :	01/17/2020

Map Id: R83
Direction: E
Distance: 0.740 mi.
Actual: 3905.020 ft.
Elevation: 0.066 mi. / 350.282 ft.
Relative: Higher

Site Name : 343648120112601
34.6133192, -120.1915394
CA

Database(s) : [NWIS]

Envirosite ID: 436545357
EPA ID: N/R

NWIS

Site Identification Number :	343648120112601
Site Type :	Well
Station Name :	006N031W07M002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	87.0
Hole Depth :	87.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1942-10-01
Field Water-Level Data End Date :	1952-03-10
Field Water-Level Data Count :	8
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61331920
Longitude :	-120.19153940
Last Date in Agency List :	01/17/2020

Map Id: 84
Direction: ENE
Distance: 0.746 mi.
Actual: 3941.460 ft.
Elevation: 0.07 mi. / 368.32 ft.
Relative: Higher

Site Name : 343702120112601
34.61720799, -120.1915394
CA

Database(s) : [NWIS]

Envirosite ID: 436545827
EPA ID: N/R

NWIS

Site Identification Number :	343702120112601
Site Type :	Well
Station Name :	006N031W07E002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	S00 T06N R31W S
Name of Location Map :	SOLVANG, CA
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	375
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	0.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Hillside
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	19
Hole Depth :	247
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-10-18
Field Water-Level Data End Date :	1936-04-28
Field Water-Level Data Count :	49
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61720799
Longitude :	-120.19153940
Last Date in Agency List :	01/17/2020

Map Id: R85
Direction: E
Distance: 0.750 mi.
Actual: 3961.899 ft.
Elevation: 0.066 mi. / 350.538 ft.
Relative: Higher

Site Name : 343650120112501
34.61387475, -120.1912616
CA

Database(s) : [NWIS]

Envirosite ID: 436506736
EPA ID: N/R

NWIS

Site Identification Number :	343650120112501
Site Type :	Well
Station Name :	006N031W07M003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	89.0
Hole Depth :	95.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.61387475
Longitude :	-120.19126160
Last Date in Agency List :	01/17/2020

Map Id: 86
Direction: E
Distance: 0.762 mi.
Actual: 4024.787 ft.
Elevation: 0.067 mi. / 353.045 ft.
Relative: Higher

Site Name : 343654120112401
34.61498583, -120.1909838
CA

Database(s) : [NWIS]

Envirosite ID: 436506835
EPA ID: N/R

NWIS

Site Identification Number :	343654120112401
Site Type :	Well
Station Name :	006N031W07E003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	335.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	290
Hole Depth :	290
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1950-03-01
Field Water-Level Data End Date :	1959-04-07
Field Water-Level Data Count :	19
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61498583
Longitude :	-120.19098380
Last Date in Agency List :	01/17/2020

Map Id: 87
Direction: E
Distance: 0.766 mi.
Actual: 4043.925 ft.
Elevation: 0.067 mi. / 352.457 ft.
Relative: Higher

Site Name : 343642120112601
34.61165258, -120.1915393
CA

Database(s) : [NWIS]

Envirosite ID: 436506451
EPA ID: N/R

NWIS

Site Identification Number :	343642120112601
Site Type :	Well
Station Name :	006N031W07M007S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	352.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	69.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1943-01-05
Field Water-Level Data End Date :	1949-10-26
Field Water-Level Data Count :	4
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61165258
Longitude :	-120.19153930
Last Date in Agency List :	01/17/2020

Map Id: 88
Direction: WSW
Distance: 0.778 mi.
Actual: 4109.455 ft.
Elevation: 0.063 mi. / 334.282 ft.
Relative: Higher

Site Name : 343637120131401
34.61026344, -120.2215406
CA

Database(s) : [NWIS]

Envirosite ID: 436506327
EPA ID: N/R

NWIS

Site Identification Number :	343637120131401
Site Type :	Well
Station Name :	006N032W11P002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	324.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19540101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	48.0
Hole Depth :	52.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1954-01-01
Field Water-Level Data End Date :	1959-06-17
Field Water-Level Data Count :	97
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61026344
Longitude :	-120.22154060
Last Date in Agency List :	01/17/2020

Map Id: 89
Direction: ENE
Distance: 0.787 mi.
Actual: 4154.520 ft.
Elevation: 0.072 mi. / 380.82 ft.
Relative: Higher

Site Name : 343707120112501
34.61859685, -120.1912616
CA

Database(s) : [NWIS]

Envirosite ID: 436507384
EPA ID: N/R

NWIS

Site Identification Number :	343707120112501
Site Type :	Well
Station Name :	006N031W07E001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	373.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	100
Hole Depth :	100
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-03-01
Field Water-Level Data End Date :	1934-04-12
Field Water-Level Data Count :	18
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61859685
Longitude :	-120.19126160
Last Date in Agency List :	01/17/2020

Map Id: T90
Direction: W
Distance: 0.789 mi.
Actual: 4164.211 ft.
Elevation: 0.058 mi. / 307.733 ft.
Relative: Lower

Site Name : 343648120131701
34.6133189, -120.222374
CA

Database(s) : [NWIS]

Envirosite ID: 436506621
EPA ID: N/R

NWIS

Site Identification Number :	343648120131701
Site Type :	Well
Station Name :	006N032W11L001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	302.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19240101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	52.0
Hole Depth :	52.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1940-08-01
Field Water-Level Data End Date :	1959-03-17
Field Water-Level Data Count :	18
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61331890
Longitude :	-120.22237400
Last Date in Agency List :	01/17/2020

Map Id: 91
Direction: ESE
Distance: 0.795 mi.
Actual: 4195.807 ft.
Elevation: 0.063 mi. / 335.213 ft.
Relative: Higher

Site Name : 343627120113201
34.607486, -120.193206
CA

Database(s) : [NWIS]

Envirosite ID: 436544503
EPA ID: N/R

NWIS

Site Identification Number :	343627120113201
Site Type :	Well
Station Name :	006N032W12R003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	335.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19570101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	56.0
Hole Depth :	61.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/22/1970
Water-Quality Data End Date :	07/24/1980
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	1957-09-01
Field Water-Level Data End Date :	1957-09-24
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60748600
Longitude :	-120.19320600
Last Date in Agency List :	01/17/2020

Map Id: 92
Direction: E
Distance: 0.798 mi.
Actual: 4211.413 ft.
Elevation: 0.068 mi. / 357.861 ft.
Relative: Higher

Site Name : 343658120112201
34.6160969, -120.1904282
CA

Database(s) : [NWIS]

Envirosite ID: 436545665
EPA ID: N/R

NWIS

Site Identification Number :	343658120112201
Site Type :	Well
Station Name :	006N031W07E005S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	340.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19530101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	187
Hole Depth :	202
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1953-04-01
Field Water-Level Data End Date :	1953-04-20
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61609690
Longitude :	-120.19042820
Last Date in Agency List :	01/17/2020

Map Id: 93
Direction: WSW
Distance: 0.805 mi.
Actual: 4251.142 ft.
Elevation: 0.064 mi. / 337.648 ft.
Relative: Higher

Site Name : 343633120131401
34.60915236, -120.2215406
CA

Database(s) : [NWIS]

Envirosite ID: 436506185
EPA ID: N/R

NWIS

Site Identification Number :	343633120131401
Site Type :	Well
Station Name :	006N032W11P001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	327.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19510101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	44.0
Hole Depth :	44.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1951-01-01
Field Water-Level Data End Date :	1955-01-24
Field Water-Level Data Count :	88
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60915236
Longitude :	-120.22154060
Last Date in Agency List :	01/17/2020

Map Id: T94
Direction: W
Distance: 0.807 mi.
Actual: 4259.707 ft.
Elevation: 0.061 mi. / 324.147 ft.
Relative: Higher

Site Name : 343646120131801
34.61276337, -120.2226518
CA

Database(s) : [NWIS]

Envirosite ID: 436545301
EPA ID: N/R

NWIS

Site Identification Number :	343646120131801
Site Type :	Well
Station Name :	006N032W11L003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	302.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NANNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19550101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	39.0
Hole Depth :	42.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/17/1980
Water-Quality Data End Date :	04/17/1980
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1949-03-15
Field Water-Level Data End Date :	2004-03-12
Field Water-Level Data Count :	50
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61276337
Longitude :	-120.22265180
Last Date in Agency List :	01/17/2020

Map Id: 95
Direction: ENE
Distance: 0.843 mi.
Actual: 4453.029 ft.
Elevation: 0.069 mi. / 365.039 ft.
Relative: Higher

Site Name : 343703120112001
34.61748578, -120.1898727
CA

Database(s) : [NWIS]

Envirosite ID: 436507221
EPA ID: N/R

NWIS

Site Identification Number :	343703120112001
Site Type :	Well
Station Name :	006N031W07E004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	362.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19490101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	293
Hole Depth :	303
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	01/11/1963
Water-Quality Data End Date :	07/16/1981
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	--
Field Water-Level Data End Date :	--
Field Water-Level Data Count :	0
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61748578
Longitude :	-120.18987270
Last Date in Agency List :	01/17/2020

Map Id: 96
Direction: WSW
Distance: 0.849 mi.
Actual: 4482.597 ft.
Elevation: 0.067 mi. / 352.201 ft.
Relative: Higher

Site Name : 343622120131101
34.60609689, -120.2207072
CA

Database(s) : [NWIS]

Envirosite ID: 436544364
EPA ID: N/R

NWIS

Site Identification Number :	343622120131101
Site Type :	Well
Station Name :	006N032W14C001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	348.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Hillside
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	72.0
Hole Depth :	72.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-07-16
Field Water-Level Data End Date :	1945-04-09
Field Water-Level Data Count :	143
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60609689
Longitude :	-120.22070720
Last Date in Agency List :	01/17/2020

Map Id: U97
Direction: ESE
Distance: 0.866 mi.
Actual: 4574.540 ft.
Elevation: 0.063 mi. / 333.097 ft.
Relative: Higher

Site Name : 343627120112701
34.607486, -120.191817
CA

Database(s) : [NWIS]

Envirosite ID: 436506022
EPA ID: N/R

NWIS

Site Identification Number :	343627120112701
Site Type :	Well
Station Name :	006N032W12R001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	335.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1940-08-01
Field Water-Level Data End Date :	1959-04-01
Field Water-Level Data Count :	5
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60748600
Longitude :	-120.19181700
Last Date in Agency List :	01/17/2020

Map Id: U98
Direction: ESE
Distance: 0.866 mi.
Actual: 4574.540 ft.
Elevation: 0.063 mi. / 333.097 ft.
Relative: Higher

Site Name : 343627120112702
34.607486, -120.191817
CA

Database(s) : [NWIS]

Envirosite ID: 436544502
EPA ID: N/R

NWIS

Site Identification Number :	343627120112702
Site Type :	Well
Station Name :	006N032W12R002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	321.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	21.0
Hole Depth :	21.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1950-03-01
Field Water-Level Data End Date :	1960-06-14
Field Water-Level Data Count :	31
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60748600
Longitude :	-120.19181700
Last Date in Agency List :	01/17/2020

Map Id: V99
Direction: ENE
Distance: 0.890 mi.
Actual: 4698.825 ft.
Elevation: 0.075 mi. / 395.86 ft.
Relative: Higher

Site Name : 343715120112201
34.620819, -120.1904283
CA

Database(s) : [NWIS]

Envirosite ID: 436507665
EPA ID: N/R

NWIS

Site Identification Number :	343715120112201
Site Type :	Well
Station Name :	006N031W07D001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	400.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	60.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-03-01
Field Water-Level Data End Date :	1934-02-14
Field Water-Level Data Count :	4
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.62081900
Longitude :	-120.19042830
Last Date in Agency List :	01/17/2020

Map Id: W100
Direction: E
Distance: 0.894 mi.
Actual: 4719.503 ft.
Elevation: 0.069 mi. / 365.64 ft.
Relative: Higher

Site Name : 343644120111701
34.61220815, -120.1890392
CA

Database(s) : [NWIS]

Envirosite ID: 436506507
EPA ID: N/R

NWIS

Site Identification Number :	343644120111701
Site Type :	Well
Station Name :	006N031W07M008S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	367.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19300101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	102
Hole Depth :	102
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1942-12-01
Field Water-Level Data End Date :	1959-04-07
Field Water-Level Data Count :	20
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61220815
Longitude :	-120.18903920
Last Date in Agency List :	01/17/2020

Map Id: X101
Direction: SE
Distance: 0.894 mi.
Actual: 4722.559 ft.
Elevation: 0.062 mi. / 327.621 ft.
Relative: Higher

Site Name : 343609120113701
34.6024861, -120.1945949
CA

Database(s) : [NWIS]

Envirosite ID: 436505437
EPA ID: N/R

NWIS

Site Identification Number :	343609120113701
Site Type :	Well
Station Name :	006N032W13H001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	319.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.60248610
Longitude :	-120.19459490
Last Date in Agency List :	01/17/2020

Map Id: X102
Direction: SE
Distance: 0.894 mi.
Actual: 4722.559 ft.
Elevation: 0.062 mi. / 327.621 ft.
Relative: Higher

Site Name : 343609120113703
34.6024861, -120.1945949
CA

Database(s) : [NWIS]

Envirosite ID: 436505438
EPA ID: N/R

NWIS

Site Identification Number :	343609120113703
Site Type :	Well
Station Name :	006N032W13H003S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	319.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.60248610
Longitude :	-120.19459490
Last Date in Agency List :	01/17/2020

Map Id: X103
Direction: SE
Distance: 0.894 mi.
Actual: 4722.559 ft.
Elevation: 0.062 mi. / 327.621 ft.
Relative: Higher

Site Name : 343609120113704
34.6024861, -120.1945949
CA

Database(s) : [NWIS]

Envirosite ID: 436505439
EPA ID: N/R

NWIS

Site Identification Number :	343609120113704
Site Type :	Well
Station Name :	006N032W13H004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	327.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Valley flat
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19470101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	75.0
Hole Depth :	75.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1949-10-01
Field Water-Level Data End Date :	1957-10-07
Field Water-Level Data Count :	16
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60248610
Longitude :	-120.19459490
Last Date in Agency List :	01/17/2020

Map Id: X104
Direction: SE
Distance: 0.894 mi.
Actual: 4722.559 ft.
Elevation: 0.062 mi. / 327.621 ft.
Relative: Higher

Site Name : 343609120113702
34.6024861, -120.1945949
CA

Database(s) : [NWIS]

Envirosite ID: 436543865
EPA ID: N/R

NWIS

Site Identification Number :	343609120113702
Site Type :	Well
Station Name :	006N032W13H002S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	319.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	34.60248610
Longitude :	-120.19459490
Last Date in Agency List :	01/17/2020

Map Id: V105
Direction: ENE
Distance: 0.918 mi.
Actual: 4845.518 ft.
Elevation: 0.075 mi. / 396.434 ft.
Relative: Higher

Site Name : CA4210900
721 JONATA PARK ROAD
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF]

Envirosite ID: 357969330
EPA ID: N/R

PWS

Facility Address :	721 Jonata Park Road, BUELLTON, CA 93427
PWS ID :	CA4210900
PWS Type :	Transient non-community system
PWS Name :	CAL TRANS - GAVIOTA RSR
Activity Status :	Active
Primary Source :	Surface water purchased
Submission Year :	2018
Submission Year Quarter :	2018Q4
Population Served Count :	300
Service Connections Count :	3
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	101-500
Submission Quarter :	4
Submission Status Code :	Y
First Reported Date :	03/31/1980
Last Reported Date :	12/31/2018
Deactivation Date :	N/R
GW or SW :	Surface water
Is Grant Eligible :	Y
Is Outstanding Performer :	N/R
Is School or Daycare :	N
Is Source Water Protected :	N/R
Primacy Agency :	California
Primacy Type :	State
Org Name :	SANCHEZ, MARTIN
EPA Region :	Region 9
Admin Name :	SANCHEZ, MARTIN
Owner Type :	State government
Phone Number :	805-568-1250
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	martin_sanchez@dot.ca.gov
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	N/R
Season Begin Date :	01-01
Season End Date :	12-31
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	03/07/2019

PWS ENF

Facility Address :	721 Jonata Park Road, BUELLTON, CA 93427

Map Id: V105
Direction: ENE
Distance: 0.918 mi.
Actual: 4845.518 ft.
Elevation: 0.075 mi. / 396.434 ft.
Relative: Higher

Site Name : CA4210900
721 JONATA PARK ROAD
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 357969330
EPA ID: N/R

PWS ENF ***(cont.)***

PWS ID :	CA4210900
PWS Name :	CAL TRANS - GAVIOTA RSR
EPA Region :	Region 9
Primacy Agency :	California
PWS Type :	Transient non-community system
Primacy Type :	State
Primary Source :	Surface water purchased
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	State government
Phone Number :	805-568-1250
Last Date in Agency List :	03/07/2019

Violation Details

RTC Enforcement ID :	N/R
Violation ID :	706003
Submission Year :	2018
Violation First Reported Date :	08/23/2007
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Monitoring, Routine Major (TCR)
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	721 Jonata Park Road, BUELLTON, 93427
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Administrative/Compliance Order without penalty issued
Admin Name :	SANCHEZ, MARTIN
Email Address :	martin_sanchez@dot.ca.gov

RTC Enforcement ID :	N/R
Violation ID :	106002
Submission Year :	2018
Violation First Reported Date :	05/17/2001
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Monitoring, Routine Major (TCR)
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	721 Jonata Park Road, BUELLTON, 93427
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Administrative/Compliance Order without penalty issued
Admin Name :	SANCHEZ, MARTIN

Map Id: V105
Direction: ENE
Distance: 0.918 mi.
Actual: 4845.518 ft.
Elevation: 0.075 mi. / 396.434 ft.
Relative: Higher

Site Name : CA4210900
721 JONATA PARK ROAD
BUELLTON, CA 93427

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 357969330
EPA ID: N/R

PWS ENF ***(cont.)***

Email Address :	martin_sanchez@dot.ca.gov
RTC Enforcement ID :	N/R
Violation ID :	9506001
Submission Year :	2018
Violation First Reported Date :	02/21/1996
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Monitoring, Routine Major (TCR)
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	721 Jonata Park Road, BUELLTON, 93427
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	SANCHEZ, MARTIN
Email Address :	martin_sanchez@dot.ca.gov

Map Id: 106
Direction: WNW
Distance: 0.923 mi.
Actual: 4875.233 ft.
Elevation: 0.057 mi. / 303.15 ft.
Relative: Lower

Site Name : 343710120132001
34.61942986, -120.2232074
CA

Database(s) : [NWIS]

Envirosite ID: 436507472
EPA ID: N/R

NWIS

Site Identification Number :	343710120132001
Site Type :	Well
Station Name :	006N032W11C001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	290.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

Map Id: 106
Direction: WNW
Distance: 0.923 mi.
Actual: 4875.233 ft.
Elevation: 0.057 mi. / 303.15 ft.
Relative: Lower

Site Name : 343710120132001
34.61942986, -120.2232074
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436507472
EPA ID: N/R

NWIS ***(cont.)***

Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19260101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	45.0
Hole Depth :	70.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1941-09-04
Field Water-Level Data End Date :	1957-11-04
Field Water-Level Data Count :	14
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61942986
Longitude :	-120.22320740
Last Date in Agency List :	01/17/2020

Map Id: W107
Direction: E
Distance: 0.925 mi.
Actual: 4882.908 ft.
Elevation: 0.069 mi. / 365.699 ft.
Relative: Higher

Site Name : 343644120111501
34.61220815, -120.1884837
CA

Database(s) : [NWIS]

Envirosite ID: 436545181
EPA ID: N/R

NWIS

Site Identification Number :	343644120111501
Site Type :	Well
Station Name :	006N031W07M004S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	373.00

Map Id: W107
Direction: E
Distance: 0.925 mi.
Actual: 4882.908 ft.
Elevation: 0.069 mi. / 365.699 ft.
Relative: Higher

Site Name : 343644120111501
34.61220815, -120.1884837
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436545181
EPA ID: N/R

NWIS ***(cont.)***

Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	140
Hole Depth :	140
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-07-01
Field Water-Level Data End Date :	1942-10-30
Field Water-Level Data Count :	3
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61220815
Longitude :	-120.18848370
Last Date in Agency List :	01/17/2020

Map Id: 108
Direction: E
Distance: 0.928 mi.
Actual: 4902.318 ft.
Elevation: 0.068 mi. / 361.66 ft.
Relative: Higher

Site Name : 343640120111601
34.61109707, -120.1887614
CA

Database(s) : [NWIS]

Envirosite ID: 436506413
EPA ID: N/R

NWIS

Site Identification Number :	343640120111601
Site Type :	Well
Station Name :	006N031W07M005S
Agency :	U.S. Geological Survey
District :	California

Map Id: 108
Direction: E
Distance: 0.928 mi.
Actual: 4902.318 ft.
Elevation: 0.068 mi. / 361.66 ft.
Relative: Higher

Site Name : 343640120111601
34.61109707, -120.1887614
CA

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 436506413
EPA ID: N/R

NWIS ***(cont.)***

State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	S00 T06N R31W S
Name of Location Map :	SOLVANG, CA
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	360
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	0.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19250101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	41
Hole Depth :	100
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1932-07-12
Field Water-Level Data End Date :	1949-10-26
Field Water-Level Data Count :	20
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61109707
Longitude :	-120.18876140
Last Date in Agency List :	01/17/2020

Map Id: 109
Direction: W
Distance: 0.932 mi.
Actual: 4920.190 ft.
Elevation: 0.061 mi. / 323.491 ft.
Relative: Higher

Site Name : 343647120132601
34.6130411, -120.224874
CA

Database(s) : [NWIS]

Envirosite ID: 436506602
EPA ID: N/R

NWIS

Site Identification Number :	343647120132601
Site Type :	Well
Station Name :	006N032W11M001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	315.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19600101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	61.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1960-01
Field Water-Level Data End Date :	1960-03-16
Field Water-Level Data Count :	3
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61304110
Longitude :	-120.22487400
Last Date in Agency List :	01/17/2020

Map Id: 110
Direction: E
Distance: 0.952 mi.
Actual: 5028.842 ft.
Elevation: 0.072 mi. / 382.759 ft.
Relative: Higher

Site Name : 343655120111201
34.61526364, -120.1876503
CA

Database(s) : [NWIS]

Envirosite ID: 436506905
EPA ID: N/R

NWIS

Site Identification Number :	343655120111201
Site Type :	Well
Station Name :	006N031W07F001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	385
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NANNNNNNNNNNNNNNNNNNNNNNNNNNA
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1976
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYYN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	633
Hole Depth :	700
Source of Depth Data :	R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1984-05-12
Field Water-Level Data End Date :	2018-10-16
Field Water-Level Data Count :	35
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61526364
Longitude :	-120.18765030
Last Date in Agency List :	01/17/2020

Map Id: 111
Direction: SE
Distance: 0.973 mi.
Actual: 5138.498 ft.
Elevation: 0.069 mi. / 363.576 ft.
Relative: Higher

Site Name : 343559120114201
34.5997084, -120.1959838
CA

Database(s) : [NWIS]

Envirosite ID: 436505064
EPA ID: N/R

NWIS

Site Identification Number :	343559120114201
Site Type :	Well
Station Name :	006N032W13J001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	364.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	20
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Alluvial terrace
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19380101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	66.0
Hole Depth :	66.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	1938-11-01
Field Water-Level Data End Date :	1938-11-07
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.59970840
Longitude :	-120.19598380
Last Date in Agency List :	01/17/2020

Map Id: 112
Direction: WNW
Distance: 0.983 mi.
Actual: 5188.731 ft.
Elevation: 0.058 mi. / 305.738 ft.
Relative: Lower

Site Name : 343712120132301
34.61998539, -120.2240408
CA

Database(s) : [NWIS]

Envirosite ID: 436546162
EPA ID: N/R

NWIS

Site Identification Number :	343712120132301
Site Type :	Well
Station Name :	006N032W11D001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	SENWNWS11T06NR32WS
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	298.50
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	Stream channel
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19260101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNYNYYN
National Aquifer :	California Coastal Basin aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	69.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	04/24/1980
Water-Quality Data End Date :	07/24/1980
Water-Quality Data Count :	2
Field Water-Level Data Begin Date :	1941-09-04
Field Water-Level Data End Date :	1987-04-29
Field Water-Level Data Count :	267
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.61998539
Longitude :	-120.22404080
Last Date in Agency List :	01/17/2020

Map Id: 113
Direction: WSW
Distance: 0.989 mi.
Actual: 5220.106 ft.
Elevation: 0.068 mi. / 356.598 ft.
Relative: Higher

Site Name : 343628120132401
34.60776348, -120.2243184
CA

Database(s) : [NWIS]

Envirosite ID: 436544566
EPA ID: N/R

NWIS

Site Identification Number :	343628120132401
Site Type :	Well
Station Name :	006N032W11N001S
Agency :	U.S. Geological Survey
District :	California
State :	CA
County :	Santa Barbara County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	SOLVANG
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	333.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	National Geodetic Vertical Datum of 1929
Hydrologic Unit :	Santa Ynez
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	19270101
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Other aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	50.0
Hole Depth :	55.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	02/19/1952
Water-Quality Data End Date :	02/19/1952
Water-Quality Data Count :	1
Field Water-Level Data Begin Date :	1932-03-30
Field Water-Level Data End Date :	1966-04-26
Field Water-Level Data Count :	263
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	34.60776348
Longitude :	-120.22431840
Last Date in Agency List :	01/17/2020

RADON DATA:

STATE SOURCE: CA

Radon Test Results:

Zip:	Total Sites:	Cnt >=4 pCi/L:	Pct >= 4 pCi/L:	Max Result (pCi/L):
93427	8	0	0	2.4

Federal EPA Radon Zone for SANTA BARBARA County: 1
Note: Zone 1 indoor average level > 4 pCI/L
: Zone 2 indoor average level > = 2 pCI/L and <= 4 pCI/L
: Zone 3 indoor average < 2 pCI/L

FEDERAL AREA RADON INFORMATION FOR: 93427

NUMBER OF SAMPLE SITES: 2

Area:	Average Activity:	% <4 pCi/L:	% 4-20 pCi/L:	% >20 pCi/L:
first floor	0.6 pCi/L	100%	0%	0%

WELLS - GAMA - CA
California Groundwater Ambient Monitoring Assessment
State Water Resources Control Board
916-341-5791
Brings together datasets from California state agencies including: Public Health Water Resources and Pesticide Regulation as well as from the US Geological Survey Lawrence Livermore National Laboratory and the Water Boards. It shows results for untreated raw water in different types of wells for naturally-occurring and man-made chemicals.

HIST PWS ENF
Historical Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
List of Safe Drinking Water Information Systems (SDWIS) with enforcement violations that are no longer in current agency list.

NWIS
National Water Information Systems
United States Geological Society
(703) 648-5953
Information on all water resources for the United States. This database contains all current and historical data for the nation.

PWS
Public Water Supply
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems

PWS ENF
Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems with enforcememnt violations

FLOOD Q3
Flood data
Environmental Protection Agency
(202) 566-1667
Q3 Flood Data

HYDROLOGIC UNIT
Hydrologic Unit Maps
USGS
The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

WETLANDS NWI
National Wetland Inventory
U.S. Fish and Wildlife Service
(703) 358-2171
Wetland Inventory for the United States

SSURGO
Detailed Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
Detailed Soil Data Map

STATSGO & MUI
General Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
General Soil Data Map

USGS GEOLOGIC AGE
USGS Digital Data Series DDS
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

DAMS - CA
California Dam Inundation Maps
Department of Water Resources
916-845-8275
Dam inundation maps show the maximum extent of damage of a flood wave from a dam failure

OIL & GAS WELLS - CA
Oil and Gas Well Data
State of California Department of Conservation
916-327-1042
Oil and gas well locations and detail for all 6 districts

RADON - CA
Radon tested locations in California
California Department of Health Services
(916) 449-5674
A table of long term and short term indoor radon measurments

RADON
National Radon Database
USGS
703-605-6008
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

AIRPORT FACILITIES
Airport landing facilities
Federal Aviation Administration
(866) 835-5322
Airport landing facilities

BASINS
Better Assessment Science Integrating point & Non-point Sources
U.S. Environmental Protection Agency
855-246-3642
Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

DIGITAL OBSTACLE
Obstacles of interest to aviation users
Federal Aviation Administration
855-379-6518
The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

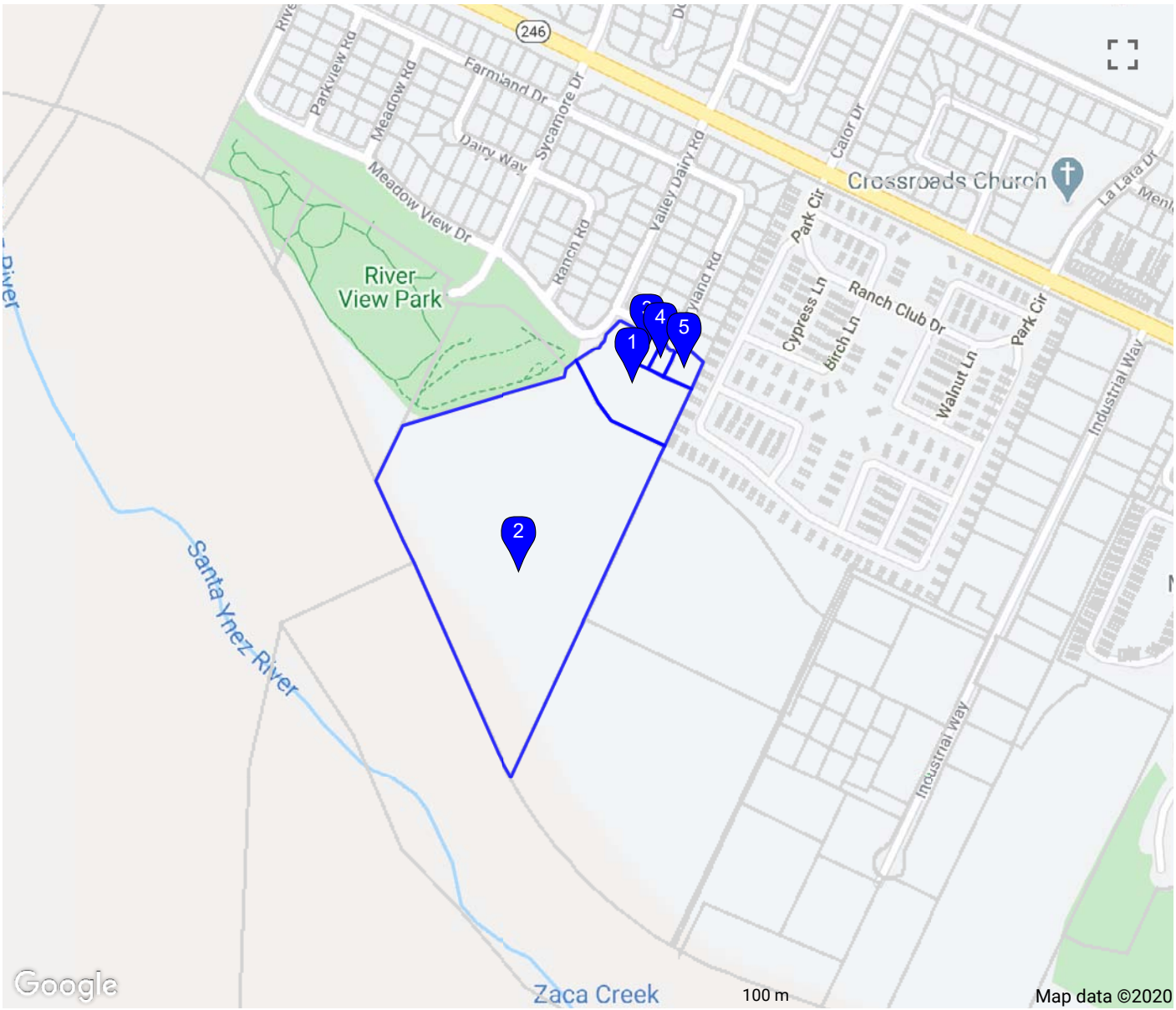
EPICENTERS
National Geographical Data Center
National Geographical Data Center
303-497-6826
List of recent and historic earthquakes and information.

FLOOD DFIRM
National Flood Hazard Layer Database
Federal Emergency Management Agency
The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.

APPENDIX D

Other Pertinent Data

PARCELQUEST



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PARCELQUEST

LIST 0

DETAIL

	id	Co	APN ▲	Owner	S Street Address	S City State Zip
☑	1	SBX	099-660-035	WILLEMSEN LIVING TRUST 10/5/95	202 DAIRYLAND RD	BUELLTON CA 93427-9304
☑	2	SBX	099-670-005	WILLEMSEN LIVING TRUST 10/5/95		BUELLTON CA 93427
☑	3	SBX	099-660-034	WILLEMSEN LIVING TRUST 10/5/95	208 DAIRYLAND RD	BUELLTON CA 93427-9304
☑	4	SBX	099-660-033	WILLEMSEN LIVING TRUST 10/5/95	212 DAIRYLAND RD	BUELLTON CA 93427-9304
☑	5	SBX	099-660-032	WILLEMSEN LIVING TRUST 10/5/95	218 DAIRYLAND RD	BUELLTON CA 93427-9304

PARCELQUEST

LIST 1
DETAIL

1 Property Address: 202 DAIRYLAND RD BUELLTON CA 93427-9304

Ownership

County:	**SANTA BARBARA, CA**
Assessor:	**JOSEPH HOLLAND, ASSESSOR**
Parcel # (APN):	**099-660-035**
Parcel Status:	**ACTIVE**
Owner Name:	**WILLEMSEN LIVING TRUST 10/5/95**
Mailing Address:	**910 WAYPOINT DR NIPOMO CA 93444-9313**
Legal Description:	

Assessment

Total Value:	**$633,594**	Use Code:	**5821**	Use Type:	**AGRICULTURAL**
Land Value:	**$34,948**	Tax Rate Area:	**007-001**	Zoning:	
Impr Value:	**$598,646**	Year Assd:	**2019**	Census Tract:	**19.01/4**
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	**94%**	Delinquent Yr:			
Exempt Amt:	**$7,000**	HO Exempt:	**Y**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**05/27/2015**	**10/12/1995**		**05/27/2015**
Document Number:	**2015027071**	**1995057157**		**2015027071**
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:		Fireplace:		Units:	
Baths (Full):		A/C:		Stories:	
Baths (Half):		Heating:		Quality:	
Total Rooms:		Pool:		Building Class:	
Bldg/Liv Area:		Park Type:		Condition:	
Lot Acres:	**2.440**	Spaces:		Site Influence:	
Lot SqFt:	**106,286**	Garage SqFt:		Timber Preserve:	
Year Built:				Ag Preserve:	
Effective Year:					

PARCELQUEST
LIST 1
DETAIL

☑ 2 Property Address: BUELLTON CA 93427

Ownership

County:	**SANTA BARBARA, CA**
Assessor:	**JOSEPH HOLLAND, ASSESSOR**
Parcel # (APN):	**099-670-005**
Parcel Status:	**ACTIVE**
Owner Name:	**WILLEMSEN LIVING TRUST 10/5/95**
Mailing Address:	**910 WAYPOINT DR NIPOMO CA 93444-9313**
Legal Description:	

Assessment

Total Value:	**$156,618**	Use Code:	**5800**	Use Type:	**AGRICULTURAL**
Land Value:	**$156,618**	Tax Rate Area:	**007-001**	Zoning:	
Impr Value:		Year Assd:	**2019**	Census Tract:	**19.01/**
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	**0%**	Delinquent Yr:			
Exempt Amt:		HO Exempt:	**N**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**05/27/2015**			**05/27/2015**
Document Number:	**2015027071**			**2015027071**
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:		Fireplace:		Units:	
Baths (Full):		A/C:		Stories:	
Baths (Half):		Heating:		Quality:	
Total Rooms:		Pool:		Building Class:	
Bldg/Liv Area:		Park Type:		Condition:	
Lot Acres:	**20.570**	Spaces:		Site Influence:	
Lot SqFt:	**896,029**	Garage SqFt:		Timber Preserve:	
Year Built:				Ag Preserve:	
Effective Year:					

PARCELQUEST
LIST 1
DETAIL

☑ 3 Property Address: 208 DAIRYLAND RD BUELLTON CA 93427-9304

Ownership

County:	**SANTA BARBARA, CA**
Assessor:	**JOSEPH HOLLAND, ASSESSOR**
Parcel # (APN):	**099-660-034**
Parcel Status:	**ACTIVE**
Owner Name:	**WILLEMSEN LIVING TRUST 10/5/95**
Mailing Address:	**910 WAYPOINT DR NIPOMO CA 93444-9313**
Legal Description:	

Assessment

Total Value:	**$31,983**	Use Code:	**0000**	Use Type:	**VACANT**
Land Value:	**$31,983**	Tax Rate Area:	**007-001**	Zoning:	
Impr Value:		Year Assd:	**2019**	Census Tract:	**19.01/4**
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	**0%**	Delinquent Yr:			
Exempt Amt:		HO Exempt:	**N**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**05/27/2015**	**10/12/1995**		**05/27/2015**
Document Number:	**2015027071**	**1995057157**		**2015027071**
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:		Fireplace:		Units:	
Baths (Full):		A/C:		Stories:	
Baths (Half):		Heating:		Quality:	
Total Rooms:		Pool:		Building Class:	
Bldg/Liv Area:		Park Type:		Condition:	
Lot Acres:	**0.190**	Spaces:		Site Influence:	
Lot SqFt:	**8,276**	Garage SqFt:		Timber Preserve:	
Year Built:				Ag Preserve:	
Effective Year:					

PARCELQUEST

LIST 1
DETAIL

4 Property Address: 212 DAIRYLAND RD BUELLTON CA 93427-9304

Ownership

County:	**SANTA BARBARA, CA**
Assessor:	**JOSEPH HOLLAND, ASSESSOR**
Parcel # (APN):	**099-660-033**
Parcel Status:	**ACTIVE**
Owner Name:	**WILLEMSEN LIVING TRUST 10/5/95**
Mailing Address:	**910 WAYPOINT DR NIPOMO CA 93444-9313**
Legal Description:	

Assessment

Total Value:	**$31,983**	Use Code:	**0000**	Use Type:	**VACANT**
Land Value:	**$31,983**	Tax Rate Area:	**007-001**	Zoning:	
Impr Value:		Year Assd:	**2019**	Census Tract:	**19.01/4**
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	**0%**	Delinquent Yr:			
Exempt Amt:		HO Exempt:	**N**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**05/27/2015**	**10/12/1995**		**05/27/2015**
Document Number:	**2015027071**	**1995057157**		**2015027071**
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:		Fireplace:		Units:	
Baths (Full):		A/C:		Stories:	
Baths (Half):		Heating:		Quality:	
Total Rooms:		Pool:		Building Class:	
Bldg/Liv Area:		Park Type:		Condition:	
Lot Acres:	**0.160**	Spaces:		Site Influence:	
Lot SqFt:	**6,969**	Garage SqFt:		Timber Preserve:	
Year Built:				Ag Preserve:	
Effective Year:					

PARCELQUEST
LIST 1
DETAIL

5 Property Address: 218 DAIRYLAND RD BUELLTON CA 93427-9304

Ownership

County:	**SANTA BARBARA, CA**
Assessor:	**JOSEPH HOLLAND, ASSESSOR**
Parcel # (APN):	**099-660-032**
Parcel Status:	**ACTIVE**
Owner Name:	**WILLEMSEN LIVING TRUST 10/5/95**
Mailing Address:	**910 WAYPOINT DR NIPOMO CA 93444-9313**
Legal Description:	

Assessment

Total Value:	**$31,990**	Use Code:	**0000**	Use Type:	**VACANT**
Land Value:	**$31,990**	Tax Rate Area:	**007-001**	Zoning:	
Impr Value:		Year Assd:	**2019**	Census Tract:	**19.01/4**
Other Value:		Property Tax:		Price/SqFt:	
% Improved:	**0%**	Delinquent Yr:			
Exempt Amt:		HO Exempt:	**N**		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:	**05/27/2015**	**10/12/1995**		**05/27/2015**
Document Number:	**2015027071**	**1995057157**		**2015027071**
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:		Fireplace:		Units:	
Baths (Full):		A/C:		Stories:	
Baths (Half):		Heating:		Quality:	
Total Rooms:		Pool:		Building Class:	
Bldg/Liv Area:		Park Type:		Condition:	
Lot Acres:	**0.330**	Spaces:		Site Influence:	
Lot SqFt:	**14,374**	Garage SqFt:		Timber Preserve:	
Year Built:				Ag Preserve:	
Effective Year:					

POR RANCHO SAN CARLOS DE JONATA

099–66

CURVE TABLE		
NO	RADIUS	LENGTH
C1	15	23.56
C2	35	21.97
C3	48	145.71
C4	48	10.51
C5	48	74.79
C6	30.00	21.97
C7	35	21.97
C8	48.00	145.71
C9	48.00	48.51
C10	48.00	54.67
C11	48.00	42.52
C12	30.00	21.97
C13	15	23.56
C14	15	23.56
C15	15	23.56
C16	15	23.56
C17	15	19.65
C18	15.00	23.56
C19	15	23.56
C20	272	123.40
C21	15	15.25
C22	15.00	30.03
C23	15.00	20.56
C24	328	60.65
C25	48.00	64.23
C26	48.06	64.23
C27	328.00	57.83
C28	15.00	20.61
C29	328	15.20
C30	272	122.30
C31	272	1.10
C32	272	60.64
C33	15	23.56
C37	30.00	23.10
C38	30.00	23.10
C39	272	84.11
C40	15	17.09
C41	48.00	65.23
C42	48.00	69.43
C43	48.00	7.05



1" = 200 scale

NOTICE
Assessor Parcels are for tax assessment purposes only and do not indicate either parcel legality or a valid building site.

12/19/96 R.M. Bk. 182, Pg. 14–17 , Tract 31,001–3 "Buellton Ventures"
07/18/96 R.M. Bk. 181, Pg. 96–99 , Tract 31,001–2 "Buellton Ventures"
02/12/96 R.M. Bk. 181, Pg. 44–49 , Tract 31,001–1 "Buellton Ventures"

City of Buellton
Assessor's Map Bk, 099–Pg, 66
County of Santa Barbara, Calif.

(03/00) Correct HWY R/W Line update adjacent page ref.

DEPARTMENT OF PLANNING AND DEVELOPEMENT
DIVISION OF BUILDING AND SAFETY
COUNTY OF SANTA BARBARA

SANTA BARBARA 568-3030 SANTA YNEZ VALLEY 686-5020 LOMPOC/SANTA MARIA 934-6230

PERMIT NO. **255663**

VALIDATION

DATE APPLIED	PROJECT ADDRESS	ASSESSOR'S PARCEL NO.
8-3-1995	Lot 18, Tract 31,001 202 Dairyland Rd.	099-252-073

APPLICANT: ☒ OWNER ☐ CONTRACTOR ☐ AUTHORIZEDAGENT ☐ LESSEE

OWNER'S NAME	ADDRESS		
Jake Willemsen	P.O. Box 325		
CITY	**STATE**	**ZIP CODE**	**PHONE #**
Buellton	CA	93427	688-6641
CONTRACTOR'S NAME	**ADDRESS**		
OWNER			
CITY	**STATE**	**ZIP CODE**	**STATE LIC. NO.** / **PHONE #**
ARCHITECT/DESIGNER OR ENGINEER	**ADDRESS**		
David Goldstien	650 Alamo Pintado Rd.		
CITY	**STATE**	**ZIP CODE**	**REG. NO.** / **PHONE #**
Solvang	CA	93463	C7834 / 688-1530

DESCRIPTION OF WORK: Construct Single Family Dwelling

1497.00-BP	
1168.18-PC	
50.00-ISSUE	
189.79-BL	
15.00-ISSUE	
97.00-PL	
15.00-ISSUE	
133.81-MECH	
15.00-ISSUE	
34.50-SMIP	
$ 3215.28	
- 761.00	
$2454.28	

X 139N60D

HIGH FIRE AREA ☐	FIRE SPRINKLER REQUIRED	TYPE OF CONST.	OCCUP. GROUP	NO. OF BEDROOMS	NO. OF STORIES	NO. OF UNITS
	YES ☐ NO ☒	VN	R3 & M1	3	1	

ELECTRICAL	PLUMBING	MECHANICAL	GRADING
X TEMP. SERV	13 TRAPS	3627 HVAC	FILL
400 SERVICES	1 WATER HEATER	HEATING APPL.	EXCAVATION
FIXTURES	X WATER PIPING	APPL. VENTS	GRADING
MOTORS	6 GAS OUTLETS	COOLING APPL.	BOND AMOUNT
TRANSFORM.	X SEWER CONN.	PREFAB - FP	BOND TYPE
SUB PANELS	PRIVATE SDS	5 EXHAUST FANS	
3627 @.03	3 Vac Brkr		
799 @.02	RETURN BOND TO		

AREA		VALUATION	
3627	Sq. ft.	86.30	Building
399	Sq. ft.	21.00	Garage
2148	Sq. ft.	11.30	Porch
	Sq. ft.		Deck
			Fireplace
Total Bldg. Area			
Total Bldg. Valuation		344,300	

THE FOLLOWING CLEARANCES ARE REQUIRED BEFORE COMPLETION:
☒ FIRE DEPT. ☐ EHS INSPECTOR ☒ City of Buellton ☐

THIS PERMIT BECOMES NULL AND VOID If work or construction authorized is not commenced within 1 year from date of issuance, or work is suspended or abandoned for a period of 180 days any time after work is commenced.

#761.00 PL

X APC

5-2-95

☐ I certify that I am licensed under the State Contractor's License Law and my Contractor's license is in full force and effect:

☐ I certify that I am exempt from Business and Professions code ☐ under #703.5:

☑ #7044 - Owner/Builder: ☐ #7048 - Price of labor and material less than $200.

☐ Must comply with H.S.C. Sec. 25505, 25533, 25534 requirements.

WORKERS' COMPENSATION DECLARATION

I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier: _____ Policy Number: _____

(This section need not be completed if the permit is for one hundred dollars [$100] or less)

I certify that in the performance of the work for which this permit is issued, I shall not emply any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Permittee: Jake Willemsen Date: 4-20-96

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

#1

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel

Parcel Number 099-252-073

Printed on May 18, 2020 at 4:01 pm

This parcel is retired. See CARE APN Inquiry for parcel history information.

Reference Address ***Legal Description*** ***Acreage***

Supervisorial District:

Zoning:

Parcel Geographical Data

:

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

There are no Accela cases for this Parcel

LIX Building Cases

Application Number	Type	Description	Issuance Date	Action Date	Status	Misc.
252427	R	ELEC	05/08/95	06/05/95	F	
252428	R	DEMO	05/08/95	12/14/99	F	

LIX Planning Cases

Application Number	Description	Issuance Date	Action Date	Status	Planner
TM 14,002 L	143 LOTS	05/02/88	12/05/88	D	WA
88-GP-004 L	TO URB/PD	02/16/88	12/05/88	D	WA
88-RZ-013 L	AG-I-5>PRD	05/02/88	12/05/88	D	WA
89-LUN-378	STORTRAILR	04/11/89	04/11/89	A	FET
85-DPF-066	PIPELINE	11/11/11	02/18/87	AC	MAS

#2

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel

Parcel Number 099-670-002

Printed on May 18, 2020 at 4:00 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-252-073

This parcel is retired. See CARE APN Inquiry for parcel history information.

Reference Address | ***Legal Description*** | ***Acreage*** 24.19

Supervisorial District: 3

Zoning: AG-I-5

Parcel Geographical Data

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: A-I-5

Critical Habitat: Check Critical Habitat Overlays - May Apply

Flood Hazard: Check Flood Hazard Overlay - May Apply

High Fire Hazard Area: All or portion Within High Fire Hazard Area

Home Exemption Value: 0.00

Personal Value: 0.00

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: **007001 WARNING! This Parcel May be in the City of Buellton**

Use Code: 5800

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
SANTA YNEZ VALLEY UNION HIGH SCHOOL
OAK HILL CEMETERY
CO-ORIGINAL AREA FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
CACHUMA JT(15,40,42) RESOURCE CONSV.
BUELLTON UNION ELEM. SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
SANTA YNEZ RIVER WATER CONSV.
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY WATER AGENCY

There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

#3 current

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel

Parcel Number 099-670-005

Printed on May 18, 2020 at 3:59 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-670-002

Reference Address	*Legal Description*	*Acreage*
		20.57

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

Critical Habitat: Check Critical Habitat Overlays - May Apply

Flood Hazard: Check Flood Hazard Overlay - May Apply

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 0.00

Latitude: 34.613177

Longitude: -120.206743

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: **007001 WARNING! This Parcel May be in the City of Buellton**

Use Code: 5800

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
SANTA YNEZ VALLEY UNION HIGH SCHOOL
OAK HILL CEMETERY
CO-ORIGINAL AREA FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
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SANTA YNEZ RIVER WATER CONSV.
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY WATER AGENCY

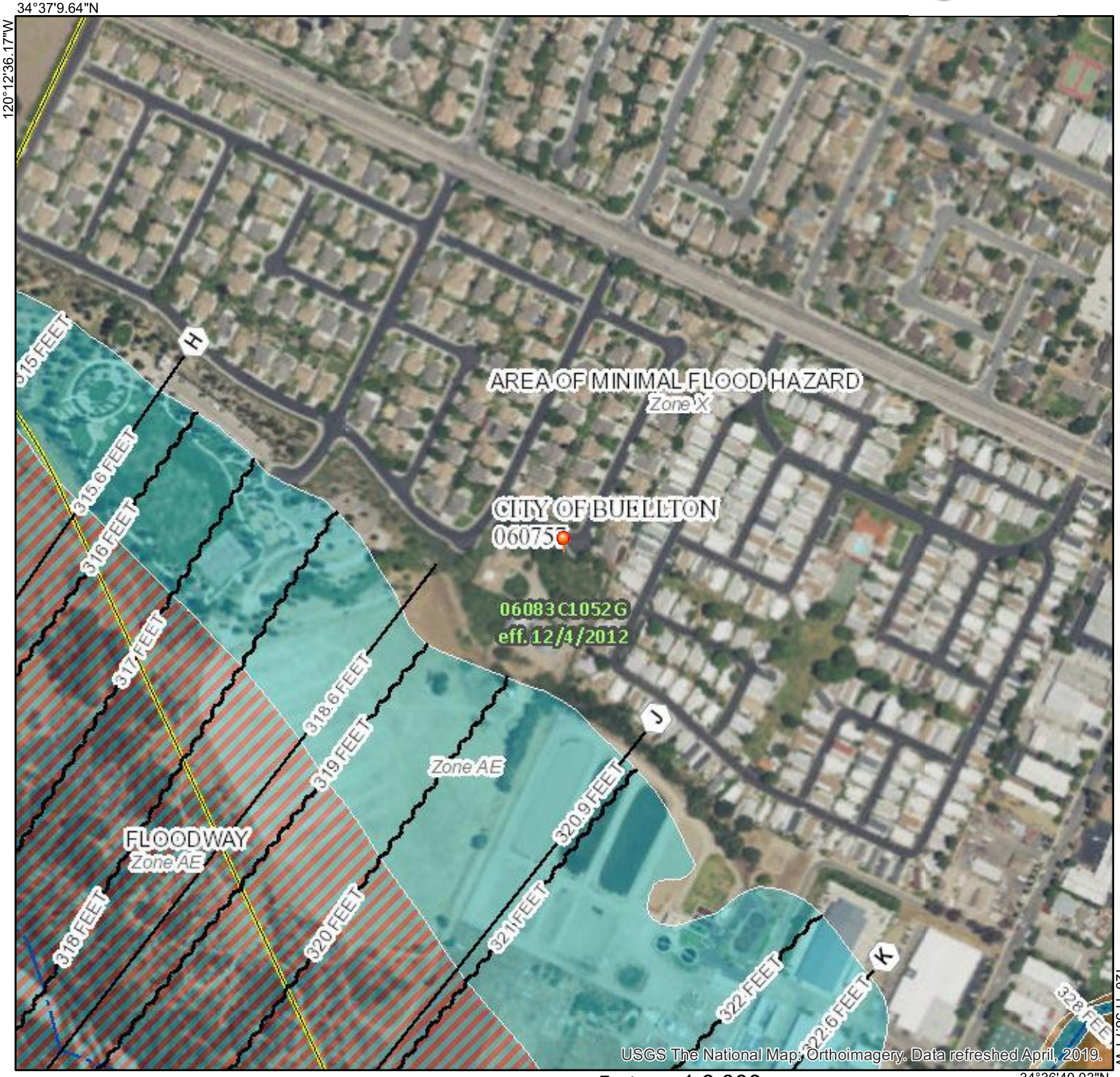
There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

National Flood Hazard Layer FIRMette

FEMA



Feet

0 250 500 1,000 1,500 2,000

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 — Cross Sections with 1% Annual Chance
- 17.5 — Water Surface Elevation
- Coastal Transect
- 513 — Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

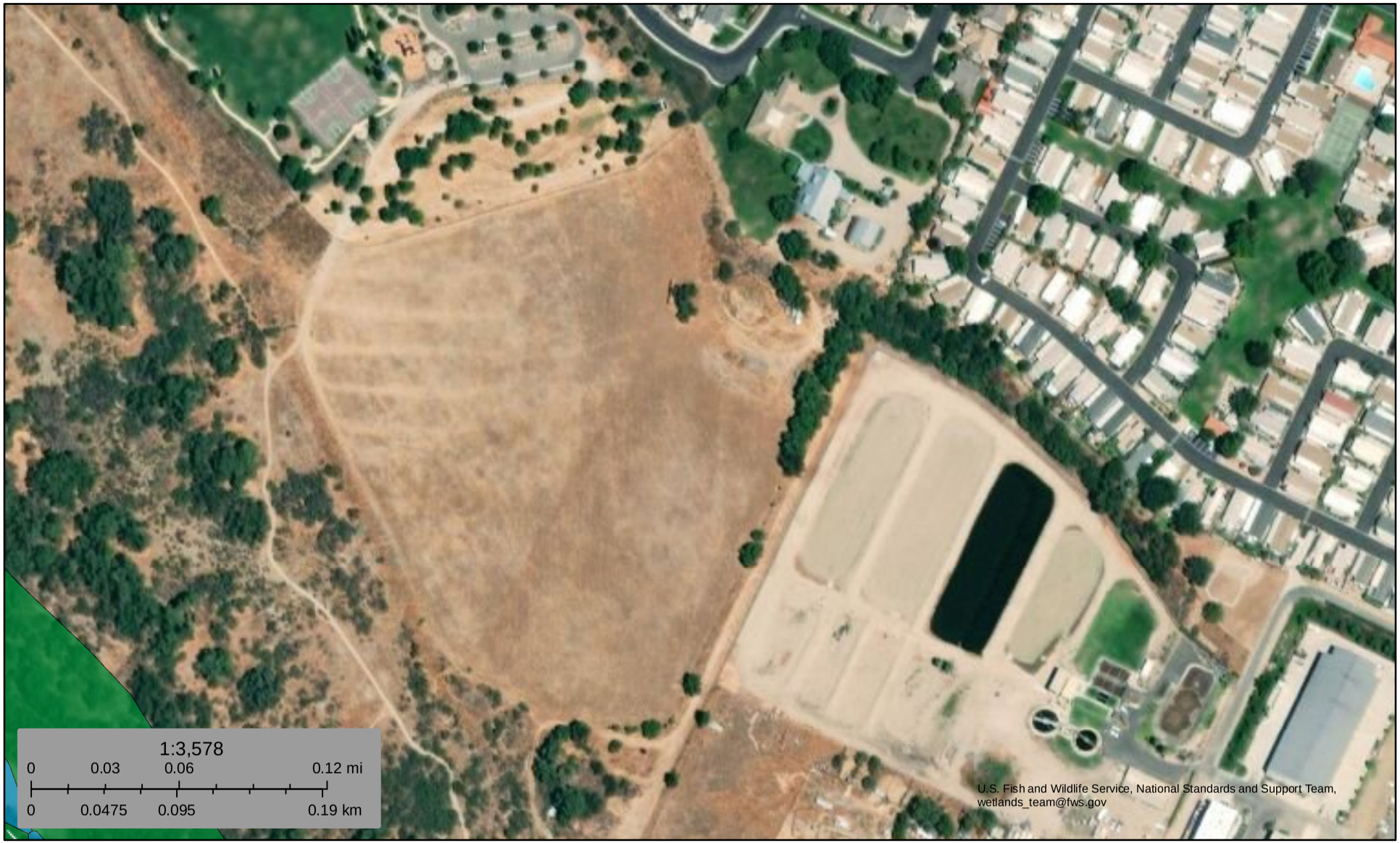
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/13/2020 at 8:22:31 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands



May 19, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

HIG Research Summary

Site Location
Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA

Requested by
Envirosite Corporation
2 Corporate Drive
Shelton, CT

HIG Project #
2037543
Client Project #
41167_20-012
Date Created
05/07/2020

Historical Information Gatherers

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

City Directory Pages/Abstracts

Research Methodology: A search was conducted for city directories that include coverage of the site area using HIG's City Directory Collection and other sources, if needed. Directories for the following years were identified for the site area. A comma between date ranges indicates a gap of 10 years or more in available city directories:

Santa Barbra; 1924-2018

The above listed directories were reviewed at approximate 5 year intervals to determine if the street(s) specified in the order were included in the directories and had listings for the site area. HIG attempted to identify former street names and aliases and if identified, these were also included in the review.

Research Results: City directory information, when provided, was used to create a multi-page file(s) named CD- followed by the street name. When City Directory Pages are provided, the publication name and date are shown at the top of each page. When a City Directory abstract is provided, the first page of the abstract includes the relevant publication information. The years of coverage identified for each street and any identified historical street names are as follows:

Dairyland Road (2001-2018)

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

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Research Summary for City Directory Abstract

Site Location
Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA

Conducted For
Envirosite Corporation
2 Corporate Drive
Shelton, CT

HIG Project #
2037543
Client Project #
41167_20-012
Date Created
05/07/2020

Historical Information Gatherers

HIG has produced a city directory abstract for one or more streets associated with the site location indicated above. The publications used to create the CD Abstract are listed below. # # #

The information below is taken directly from the city directory books. The following are definitions as they are found in the Haines books:

XXXX = is no phone, no people or non-published phone.

600 XXXX = Correct address only. No other information.

X Streetname = intersecting cross street

Publication year, publisher and title

2018 Haines Santa Barbara

2011 Haines Santa Barbara

2006 Haines Santa Barbara

2001 Haines Santa Barbara

Abstract Section 1- This section includes the city directory data sorted by address.

202 Dairyland Road	
2018	WILLEMSEN Janette
2011	XXXX
2006	XXXX
224 Dairyland Road	
2018	MILLER Adam
2018	TIBBETTS Kim
2011	TIBBETTS Kim
229 Dairyland Road	
2018	SEAMAN John M
2011	XXXX
2006	MEISEL Ben
232 Dairyland Road	
2018	THORNBURG Bob J
2011	THORNBURG Robert
2011	URWICK Christopher
2006	URWICK Christopher
2001	PRICHARD Anthony
235 Dairyland Road	
2018	HARVEY Grani
2011	HARVEY Scott
2006	HARVEY Scott
238 Dairyland Road	
2018	GUILLEMIN Timothy
2018	LEE Andrew
2011	ELDRIDGE-LEE Christina
2011	GUILLEMIN Tim
2011	LEE Andrew
2006	LEE Andrew
243 Dairyland Road	
2018	CHEN ESAU Lynette
2011	ESAU Phil
2006	XXXX
246 Dairyland Road	
2018	LAUDON Chris

2018	LAUDON Mark
2018	LAUDON Mark A
2011	GELLES Paul
2011	LAUDEN Mark
2011	LAUDEN Mark A
2006	GELLES Paul
249 Dairyland Road	
2018	NARKIS Neal R
2011	NARKIS Neal
2006	NARKIS Neal
250 Dairyland Road	
2011	SAM'S STEAM & PRESSURE
252 Dairyland Road	
2018	NEGLIA Colleen
2011	FOSTER Ryan
2006	ESCALERA Gullirno
2001	LASSITER William
255 Dairyland Road	
2018	LEE Hyung
2011	LEE Hyung
2006	LEE Hyung
258 Dairyland Road	
2018	BEAUDETTE Pete T
2011	BEAUDETTE Joann
2006	BEAUDETTE Palmer T Jr
2001	BEAUDETTE Palmer T Jr
263 Dairyland Road	
2018	POTE Dave
2018	POTE David R
2018	POTE Theresa
2011	POTE David
2006	POTE David
264 Dairyland Road	
2018	OLSEN Marta
2011	OLSEN Ed
2006	OLSEN Ed

2001	OLSEN Ed
267 Dairyland Road	
2018	ROBERTS Gary W
2011	ROBERTS Gary
2006	ROBERTS Gary
272 Dairyland Road	
2018	VALENCIA David
2011	VALENCIA David
2006	VALENCIA David
2001	VALECIA Carm
2001	VALECIA David
278 Dairyland Road	
2018	SHARPE Zach
2011	PAUL Olin
2006	STEINER Betty
284 Dairyland Road	
2018	SCHOOTER Patrick
2011	SCHOOTER Patrick
2006	SCHOOTER Patrick
2001	SCHOOTER Patrick

Abstract Section 2: This section includes the city directory data sorted by the year the city directory was published.

2018	
	X VALLEY DAIRY RD
202	WILLEMSEN Janette
224	MILLER Adam
224	TIBBETTS Kim
229	SEAMAN John M
232	THORNBURG Bob J
235	HARVEY Grani
238	GUILLEMIN Timothy
238	LEE Andrew
243	CHEN ESAU Lynette
246	LAUDON Chris
246	LAUDON Mark
246	LAUDON Mark A

249	NARKIS Neal R
252	NEGLIA Colleen
255	LEE Hyung
258	BEAUDETTE Pete T
263	POTE Dave
263	POTE David R
263	POTE Theresa
264	OLSEN Marta
267	ROBERTS Gary W
272	VALENCIA David
278	SHARPE Zach
284	SCHOOTER Patrick
	X FARMLAND DR
2011	
	X VALLEY DAIRY RD
202	XXXX
224	TIBBETTS Kim
229	XXXX
232	THORNBURG Robert
232	URWICK Christopher
235	HARVEY Scott
238	ELDRIDGE-LEE Christina
238	GUILLEMIN Tim
238	LEE Andrew
243	ESAU Phil
246	GELLES Paul
246	LAUDEN Mark
246	LAUDEN Mark A
249	NARKIS Neal
250	SAM'S STEAM & PRESSURE
252	FOSTER Ryan
255	LEE Hyung
258	BEAUDETTE Joann
263	POTE David
264	OLSEN Ed
267	ROBERTS Gary
272	VALENCIA David

278	PAUL Olin
284	SCHOOTER Patrick
	X FARMLAND DR
2006	
	X VALLEY DAIRY RD
202	XXXX
229	MEISEL Ben
232	URWICK Christopher
235	HARVEY Scott
238	LEE Andrew
243	XXXX
246	GELLES Paul
249	NARKIS Neal
252	ESCALERA Gullirno
255	LEE Hyung
258	BEAUDETTE Palmer T Jr
263	POTE David
264	OLSEN Ed
267	ROBERTS Gary
272	VALENCIA David
278	STEINER Betty
284	SCHOOTER Patrick
	X FARMLAND DR
2001	
	X VALLEY DAIRY RD
232	PRICHARD Anthony
	X FARMLAND DR
252	LASSITER William
258	BEAUDETTE Palmer T Jr
264	OLSEN Ed
272	VALECIA Carm
272	VALECIA David
284	SCHOOTER Patrick

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Fire Insurance Maps No Coverage Statement

Site Location
Commercial/Agricultural Property
202 Dairyland Rd
Buellton, CA

Requested by
Envirosite Corporation
2 Corporate Drive
Shelton, CT

HIG Project #
2037543
Client Project #
41167_20-012
Date Created
05/07/2020

Historical Information Gatherers

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIM), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjacent properties.

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel
Parcel Number 099-660-032

Printed on May 13, 2020 at 5:43 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-252-073

Reference Address	*Legal Description*	*Acreage*
218 DAIRYLAND RD, BUELLTON		0.33

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 0.00

Latitude: 34.614919

Longitude: -120.204578

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: 007001 WARNING! This Parcel May be in the City of Buellton

Use Code: 0000

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
BUELLTON UNION ELEM. SCHOOL
SANTA YNEZ VALLEY UNION HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
OAK HILL CEMETERY
SANTA YNEZ RIVER WATER CONSV.
CO-ORIGINAL AREA FLOOD CONTROL
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel
Parcel Number 099-660-033

Printed on May 13, 2020 at 5:43 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-252-073

Reference Address	*Legal Description*	*Acreage*
212 DAIRYLAND RD, BUELLTON		0.16

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 0.00

Latitude: 34.615009

Longitude: -120.204863

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: 007001 WARNING! This Parcel May be in the City of Buellton

Use Code: 0000

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
BUELLTON UNION ELEM. SCHOOL
SANTA YNEZ VALLEY UNION HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
OAK HILL CEMETERY
SANTA YNEZ RIVER WATER CONSV.
CO-ORIGINAL AREA FLOOD CONTROL
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel
Parcel Number 099-660-034

Printed on May 13, 2020 at 5:42 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-252-073

Reference Address
208 DAIRYLAND RD, BUELLTON

Legal Description

Acreage
0.19

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 0.00

Latitude: 34.6151

Longitude: -120.205044

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: **007001 WARNING! This Parcel May be in the City of Buellton**

Use Code: 0000

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
BUELLTON UNION ELEM. SCHOOL
SANTA YNEZ VALLEY UNION HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
OAK HILL CEMETERY
SANTA YNEZ RIVER WATER CONSV.
CO-ORIGINAL AREA FLOOD CONTROL
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel
Parcel Number 099-660-035

Printed on May 13, 2020 at 5:40 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-252-073

Reference Address	*Legal Description*	*Acreage*
202 DAIRYLAND RD, BUELLTON		2.43

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

Flood Hazard: Check Flood Hazard Overlay - May Apply

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 7000.00

Latitude: 34.614735

Longitude: -120.205245

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: **007001 WARNING! This Parcel May be in the City of Buellton**

Use Code: 5821

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
BUELLTON UNION ELEM. SCHOOL
SANTA YNEZ VALLEY UNION HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
OAK HILL CEMETERY
SANTA YNEZ RIVER WATER CONSV.
CO-ORIGINAL AREA FLOOD CONTROL
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

There are no Accela cases for this Parcel

LIX Building Cases

Application Number	Type	Description	Issuance Date	Action Date	Status	Misc.
255663	R	SFD	05/24/96	05/19/97	F	

There are no LIX Planning cases for this parcel

COUNTY OF SANTA BARBARA

Planning and Development

www.sbcountyplanning.org

Permit History by Parcel
Parcel Number 099-670-005

Printed on May 13, 2020 at 5:41 pm

An ancestor parcel exists. Please refer to its permit history for further information.

099-670-002

Reference Address | ***Legal Description*** | ***Acreage*** 20.57

Supervisorial District: 3

Zoning: CITY

Parcel Geographical Data

BAR Jurisdiction: All or portion within Central BAR

California Natural Diversity Database: Check CNDDB - May Apply

Comprehensive Plan: CITY

Critical Habitat: Check Critical Habitat Overlays - May Apply

Flood Hazard: Check Flood Hazard Overlay - May Apply

High Fire Hazard Area: All or portion Within High Fire Hazard Area

HMA: All or portion within the Santa Ynez HMA

Home Exemption Value: 0.00

Latitude: 34.613177

Longitude: -120.206743

Military Notification Buffers: All or part within Military Notification Buffer(s)

Personal Value: 0.00

Plan Area: Within Incorporated City Limits

Rural Region: All or portion within Santa Ynez Valley Rural Region

Tax Rate Area: **007001 WARNING! This Parcel May be in the City of Buellton**

Use Code: 5800

Seismic Safety Warning:

Buildings on this parcel may have been built prior to 1970. Pre-1970 buildings may have structural deficiencies that can cause considerable damage during a strong earthquake event. Please visit our website at: http://www.countyofsb.org/plndev/earthquake.sbc to learn more about earthquake vulnerability and potential retrofit solutions for your home.

Special Districts and Other Information of Interest (derived from the Tax Rate Area number):

BUELLTON CITY
BUELLTON UNION ELEM. SCHOOL
SANTA YNEZ VALLEY UNION HIGH SCHOOL
ALLAN HANCOCK JT(40,42,56) COMM. COLLEGE
OAK HILL CEMETERY
SANTA YNEZ RIVER WATER CONSV.
CO-ORIGINAL AREA FLOOD CONTROL
CO-SANTA YNEZ ZONE NO. 01 FLOOD CONTROL
SANTA BARBARA COUNTY FIRE PROTECTION
SANTA BARBARA COUNTY WATER AGENCY
CACHUMA JT(15,40,42) RESOURCE CONSV.

There are no Accela cases for this Parcel

There are no LIX Building cases for this parcel

There are no LIX Planning cases for this parcel

AAI User Phase 1 Environmental Site Assessment (ESA) Questionnaire

The following questionnaire is required by the new ASTM Standard E1527-13, which adheres to the new All Appropriate Inquiries (AAI) Rule (United States Environmental Protection Agency) (40 CFR 312).

As defined by ASTM, the User of the report is the *"party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice."*

Site Name/Number: Willemson Family Trust
Address: 202 Dairyland Rd, Buellton, CA 93427

1. **Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)**

   Are you aware of any environmental cleanup liens against the Subject Property that are filed or recorded under federal, tribal, state or local law?

   ☐ YES ☑ NO

2. **Activity and land use limitations that are in place on the site or that have been filed or records in a registry (40 CFR 312.26)**

   Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

   ☐ YES ☑ NO

3. **Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)**

   As the User of this report, do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Subject Property or adjoining property?

   ☐ YES ☑ NO

4. **Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated (40 CFR 312.29)**

   Does the purchase price being paid for the Subject Property reasonably reflect the fair market value of the Subject Property? If so, why?

   ☑ YES ☐ NO

5. **Commonly known or reasonably ascertainable information about the Subject Property (40 CFR 312.30)**

   Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of release or threatened release?

   ☐ YES ☑ NO

a. Do you know the past uses of the Subject Property?

[✓] YES [ ] NO

b. Do you know of specific chemicals that are present or once were present at the Subject Property?

[ ] YES [✓] NO

c. Are you aware of any spills or other chemical releases that have taken place at the Subject Property?

[ ] YES [✓] NO

d. Do you have any prior knowledge that the Subject Property was developed as a gas station, dry cleaner, manufacturing/industrial facility in the past?

[ ] YES [✓] NO

e. Are you aware of historical use of hazardous materials or petroleum products used or present on the Subject Property?

[✓] YES [ ] NO

f. Do you know if the property is currently or was formerly equipped with underground storage tanks (USTs) or septic tanks?

[ ] YES [✓] NO

g. Do you know of any past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the Subject Property by any owner or occupant of the Subject Property?

[ ] YES [✓] NO

6. **The degree of obviousness of the presence or likely presence of contamination at the Subject Property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**
As the User of this report, are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property based on your knowledge and experience related to the Subject Property?

[ ] YES [✓] NO

Signature of User/Person Interviewed: Greg Willemsen

Name of User/Person Interviewed: Greg Willemsen

Title/Relationship to Subject Property: TTE

Phone Number/Email: 805 - 338 - 6676

Date: 5-12-2020

Contact for additional information:

Name: _____

Relationship to Subject Property: _____

Phone Number/Email: _____

Phase 1 Environmental Site Assessment (ESA) Questionnaire

Site Name/Number: ~~[illegible]~~ Willemsen Family Trust
Address: 202 Dairyland Rd, Buellton, CA

No.	Question	Owner or Owner's Representative			
		Yes	No	Unknown	Comments
1a	Is the *property* used for an industrial use?		✓		
1b	Is any *adjoining property* used for an industrial use?		✓		
2a	Do you observe evidence or do you have any prior knowledge that the *property* has been used for an industrial use in the past?		✓		
2b	Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past?		✓		
3a	Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?		✓		
3b	Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?		✓		
4a	Did you observe evidence or do you have any knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?		✓		
4b	Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?		✓		

Phase 1 Environmental Site Assessment (ESA) Questionnaire

Site Name/Number: Willemsen Family Trust
Address: 202 Maryland Rd., Buellton, CA 93427

No.	Question	Owner or Owner's Representative			
		Yes	No	Unknown	Comments
5a	Are there currently any damage or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19L.) in volume or 50 gal (190 L.) in the aggregated, stored on or used at the *property* or at the facility?		✓		
5b	Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L.) in volume or 50 gal (190 L.) in the aggregated, stored on or used at the *property* or at the facility?		✓		
6a	Are there currently any industrial *drums* (typically 55-gal (208 L.)) or sacks of chemicals located on the property or at the facility?		✓		
6b	Did you observe evidence or do you have prior knowledge that there have been previously any industrial *drums* (typically 55 gal (208 L.)) or sacks of chemicals on located on the property of at the facility?		✓		
7a	Did you observe evidence or do you have prior knowledge that *fill dirt* that has been brought onto the property that originated from a contaminated site?		✓		
7b	Did you observe evidence or do you have prior knowledge that *fill dirt* that has been brought onto the property that is of an unknown origin?		✓		
8a	Are there currently *pits, ponds, or lagoons* located on the *property* in connection with waste treatment or waste disposal?		✓		
8b	Did you observe evidence or do you have prior knowledge that there have been previously, any *pits, ponds, or lagoons* located on the *property* in connection with waste treatment or waste disposal?		✓		
9a	Is there currently any stained soil on the *property*?		✓		
9b	Did you observe evidence or do you have prior knowledge that there has been previously, any stained soil on the *property*?		✓		
10a	Are there any currently any registered or unregistered storage tanks (above or underground) located on the *property*?		✓		

Phase 1 Environmental Site Assessment (ESA) Questionnaire

Site Name/Number: Willemsen Family Trust
Address: 202 Dairyland Rd., Buellton, CA 93427

No.	Question	Owner or Owner's Representative			
		Yes	No	Unknown	Comments
10b	Did you observe evidence or do you have prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?	✓	✓		1 diesel (farm use) tank - Above ground
11a	Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?		✓		
11b	Did you observe evidence or do you have prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?		✓		
12a	Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?		✓		
12b	Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?		✓		
13a	If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system of that exceed guidelines applicable to the water system?		✓		
13b	If the property is served by a private well or non-public system, is there evidence or do you have prior knowledge that the well has been designated a contaminated by any government environmental/health agency?		✓		
14	Does the *owner* or *occupants* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*?		✓		

Phase 1 Environmental Site Assessment (ESA) Questionnaire

Site Name/Number: Willemsen Family Trust
Address: 202 Dairyland Rd, Buellton, CA 93427

No.	Question	Owner or Owner's Representative			
		Yes	No	Unknown	Comments
15a	Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	✓			See #10b
15b	Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	✓			Nothing current on property
15c	Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?		✓		
15d	Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?		✓		
16	Does the owner or occupant of the property have any knowledge of any environmental site assessments of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?		✓		
17	Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?		✓		
18a	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?		✓		
18b	Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?		✓		

Phase 1 Environmental Site Assessment (ESA) Questionnaire

Site Name/Number: Willemsen Family Trust
Address: 207 Maryland Rd., Buellton, CA 93427

No.	Question	Owner or Owner's Representative			
		Yes	No	Unknown	Comments
19	Did you observe or do you have any knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?		✓		
20	Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?		✓		

Current use of property: 25 acres
Size (in acres or sq. ft.):
Date of construction (if applicable):
Previous use(s) of property: farming

Utilities Supplied By:
Electric: P.G.E.
Gas: SO GAL GAS
Water: City of Buellton
Solid Waste:
Sanitary system provider & type: NONE

Questionnaire Completed By:

Name: Greg Willemsen Date: 5-12-2020

Title: TTE Phone Number: 805-245-0216

APPENDIX E

Qualifications

MARK E. SMITH
ENVIRONMENTAL PROFESSIONAL

PROFESSIONAL EDUCATION

University of California, Riverside (UCR), Riverside, CA, B.S. Environmental Science, 1994

CERTIFICATIONS/QUALIFICATIONS

- AHERA Asbestos Inspector
- 40-Hour OSHA HAZWOPER Training
- Certified Technical Writer

SELECTED EXPERIENCE

Mr. Smith has more than 25 years of experience in Phase 1 Environmental Site Assessments (Phase 1 ESAs) and Real Estate Transaction Screens of residential multifamily, commercial, retail, fueling facilities, agricultural and industrial properties throughout the United States for a wide range of financial clients, attorneys and real estate companies.

Mr. Smith has conducted over 2,300 environmental due diligence projects since 1994.

For a national environmental consulting firm, Mr. Smith served as a Senior Project Manager, where he supervised Phase I Environmental Site Assessments on various industrial, commercial, institutional and residential properties. Assessments included limited and comprehensive surveys for asbestos, lead-based paint, lead-in-drinking water and radon gas emissions. He also managed subsurface investigations to determine the presence of contamination in soil and groundwater, prepared and reviewed written reports in formats prescribed by various fiduciary institutions and performed peer reviews on environmental site assessments completed by other environmental firms. He was responsible for review of final reports and QA/QC.

In May 2007, Mr. Smith resigned from the national environmental consulting firm to start Smithmark LLC as an environmental subcontractor to provide Phase 1 ESA report services to existing national, regional and local environmental/engineering firms in need of report services for overflow projects unable to be covered by in-house staff. In February 2016, Mr. Smith dissolved Smithmark LLC and formed The Phase One Group LLC to provide Phase 1 ESA report services to property purchasers, brokers, investors and lenders.

PROFESSIONAL AFFILIATIONS:

- Association of Environmental Professionals, Los Angeles County Chapter, Member

RELEVANT PROJECT EXPERIENCE:

- **Embassy Suites – Glendale, California**

  Performed ESA of a 272-room Embassy Suites hotel facility in Glendale, California.

- **Limoneira Company – Santa Paula, California**

  Performed several ESAs of Limoneira Company corporate headquarters and numerous multi-acre orchards owned and operated by Limoneira Company.

- **Royal Truck Body – Paramount, California**

  Performed ESA of Royal Truck Body, a heavy industrial facility who manufactures truck service bodies. Facility comprised of over 300,000 square feet of manufacturing and assembly space.

- **Bank Branches – Pacific Northwest**

  Performed ESAs of over 20 bank branches throughout Oregon and Washington. ESAs were completed within a four-week period.

- **North DeKalb Mall – Decatur, Georgia**

  Performed ESA of the North DeKalb Mall, a regional shopping mall in Decatur, Georgia.

- **Various Properties – Hawaii**

  Performed ESAs of commercial, retail and residential properties on the islands of Oahu and Kauai, Hawaii.

Prepared for:

City of Buellton
107 West Highway 246
Buellton, California 93427

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT

Residential/Agricultural Property
202 Dairyland Road
Buellton, Santa Barbara County, California 93427

Prepared by:

The Phase One Group
324 South Diamond Bar Boulevard, #130
Diamond Bar, California 91765
323.364.2530
info@thephaseonegroup.com

Issued on May 19, 2020
Project Number: 20-012

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1.0 EXECUTIVE SUMMARY

1.1 FINDINGS

The Phase One Group has performed a Phase 1 Environmental Site Assessment (Phase 1 ESA) in general accordance with the scope and limitations of ASTM Practice E1527-13 of the Residential/Agricultural Property located at 202 Dairyland Road, in the City of Buellton, Santa Barbara County, California 93427 (the "subject property"). The Phase 1 Environmental Site Assessment is designed to provide the City of Buellton with an assessment concerning environmental conditions as they exist at the subject property. Any exceptions to or deletions from this scope of work are described in the report.

The site inspection was performed by Mr. Mark E. Smith, Environmental Professional, a representative of The Phase One Group, on May 11, 2020. The subject property is located at 202 Dairyland Road, in the City of Buellton, Santa Barbara County, California 93427.

The subject property is located on the southwest side of Dairyland Road, on the south side of the intersection of Dairyland Road and Valley Dairy Road. The subject property consists of a total of five contiguous parcels of land totaling approximately 21.25-acres identified by the Santa Barbara County Assessor as Assessor's Parcel Numbers (APNs) 099-660-032, 099-660-033, 099-660-034, 099-660-035 and 099-670-005. The subject property is a residential/agricultural property improved with a single-story dwelling, a refurbished barn, a maintenance shop and two storage sheds. The remainder of the subject property is developed with a pavestone driveway and walkway, a concrete-paved walkway, a goat corral and chicken pen, landscaping, pastureland, and undeveloped land. The subject property is equipped with one irrigation groundwater well. At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold. Evidence of hazardous materials and petroleum products storage was observed at the subject property during the site visit.

Based on a review of historical sources, the northeastern portion of the subject property appeared to be improved with a dwelling and developed for agricultural purposes as an orchard, and the remainder of the subject property appeared to be undeveloped from prior to 1928 until prior to 1938, when the existing barn was developed on the northeastern portion of the subject property and the subject property was reportedly used as a dairy farm, identified as the Willemsen Dairy. By 1943, additional farm-related structures and development were built on the northeastern portion of the subject property and by 1954 the southwestern portion of the subject property appeared to be used for pastureland as part of the dairy farm. By 1969, a retention basin appeared to be developed on the southeastern portion of the subject property, and by 1973, the southwestern portion of the subject property appeared to be developed for agricultural purposes. The subject property reportedly continued to be used as a dairy farm and for agricultural purposes until 1996, when the dairy farm ceased operations and the existing dwelling was developed on the northeastern portion of the subject property. The existing barn was reportedly refurbished and improved with a workshop, kitchen and a loft studio apartment. In addition, the existing maintenance shop was built on-site, and

subsequently developed with two storage sheds. At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold.

The subject property was historically used as a dairy farm operation. It is unknown where wastewater discharge generated from the former dairy farm operation was directed to at the subject property. The subject property soils in the area of the former dairy farm operation due to wastewater discharge may contain excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. Based on the above, the former dairy farm operation represents a recognized environmental condition (REC) in connection with the subject property.

A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

The northeastern portion of the subject property appears to be developed for agricultural purposes as an orchard on the historical aerial photograph dated 1928, and the southwestern portion of the subject property appears to be developed for agricultural purposes on the historical aerial photographs dated 1973, 1978 and 1981. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Based on the above, the former agricultural use at the subject property represents a recognized environmental condition (REC) in connection with the subject property.

At the time of The Phase One Group's site visit, an area of oil-stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

The subject property is not listed in the Envirosite Corporation (Envirosite) environmental database report.

The subject property is located within a mixed residential and industrial area of the City of Buellton. The vicinity of the subject property can be described as Dairyland Road and the intersection of Dairyland Road and Meadow View Drive, followed by four dwellings (224, 228 Dairyland Road and 217, 228 Valley Dairy Road) to the northeast, Ranch Club Mobile Estates (330 West Highway 246), the Buellton Wastewater Treatment Plant (79 Industrial Way) and vacant land (no address identified) to the southeast; the Santa Ynez River to the southwest; and the City of Buellton River View Park (151 Sycamore Drive) to the northwest.

The adjacent properties are not listed in the Envirosite environmental database report.

1.2 CONCLUSIONS

The Phase One Group has performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E1527-13 of the Residential/Agricultural Property located at 202 Dairyland Road, in the City of Buellton, Santa Barbara County, California 93427 (the "subject property"). Any exceptions to or deletions from this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), or controlled recognized environmental conditions (CRECs) in connection with the subject property, except for the following:

- At the time of The Phase One Group's site visit, an area of stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

- The subject property was historically used as a dairy farm operation. It is unknown where wastewater discharge generated from the former dairy farm operation was directed to at the subject property. The subject property soils in the area of the former dairy farm operation due to wastewater discharge may contain excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. Based on the above, the former dairy farm operation represents a recognized environmental condition (REC) in connection with the subject property.

- A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

- The northeastern portion of the subject property appears to be developed for agricultural purposes as an orchard on the historical aerial photograph dated 1928, and the southwestern portion of the subject property appears to be developed for agricultural purposes on the historical aerial photographs dated 1973, 1978 and 1981. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Based on the above, the former agricultural use at the subject property represents a recognized environmental condition (REC) in connection with the subject property.

An environmental issue refers to environmental concerns identified by The Phase One Group, which do not qualify as RECs; however, warrant further discussion. The following environmental issues were identified during the course of this assessment:

- An unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals were observed stored outside adjacent to maintenance shop. No evidence of leaks or staining was observed in the areas of the ASTs and containers of hydraulic oil, lubricants and maintenance chemicals.

- Based on the subject property use as a former dairy farm operation, the possibility exists that the subject property is equipped with undocumented fuel underground storage tanks (USTs). No evidence of on-site USTs was observed during the site visit.

- Although no evidence was identified during the site visit, historical on-site septic systems associated with the former on-site structures may be present on-site.

- The subject property is equipped with one irrigation groundwater well located on the southern portion of the subject property. The irrigation groundwater well is reportedly not used for potable use as drinking water to the subject property is provided by the City of Buellton Water System. No additional information regarding the on-site groundwater well was provided to The Phase One Group.

1.3 RECOMMENDATIONS

As a result of this assessment, The Phase One Group recommends the following:

- A limited subsurface investigation should be conducted at the subject property in order to determine the presence or absence of soil and/or groundwater contamination due to the former dairy farm operation and agricultural use, including the location of the former retention basin.

- A limited subsurface investigation should be conducted in the area of oil-stained soil and gravel within the maintenance shop building.

- The observed unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals should be collected and properly disposed of by a certified hazardous waste hauler.

- If on-site USTs are identified during redevelopment activities of the subject property, the USTs should be properly closed and removed following current regulatory procedures and guidelines.

- If historical on-site septic systems are identified during redevelopment activities of the subject property, the historical on-site septic systems should be properly closed and removed following current regulatory procedures and guidelines.

- If no longer in use, the irrigation groundwater well on the southern portion of the subject property should be properly decommissioned and closed utilizing current regulatory standards and procedures.

This summary is not to be used alone. This report must be read in its entirety.

2.0 INTRODUCTION

2.1 PURPOSE

The purpose of this Phase 1 Environmental Site Assessment (Phase 1 ESA) is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the Phase 1 ESA report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This Phase 1 ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-13 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

2.2 SCOPE OF WORK

The scope of work for this Phase 1 ESA is in general accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of environmental regulatory agency records; and 5) a review of an environmental regulatory database report provided by a third-party vendor. The Phase One Group contacted local agencies, such as environmental health departments, fire departments and building departments, in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, The Phase One Group researched information on the presence of Activity and Use Limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject

property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this Phase 1 ESA report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold and/or radon.

2.3 REPORT RELIANCE

This assessment was performed at the request of the City of Buellton utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. This report may be distributed to and relied upon by the City of Buellton, its successors and assigns and Conduit to be assigned by the City of Buellton, its successors and assigns with respect to a loan upon the project, together with any rating agency or issuer or purchaser of any security collateralized or otherwise backed up by such loan. The independent conclusions The Phase One Group's best professional judgment based on the conditions that existed and the information and data available to us during the course of this assignment. Factual information regarding operations, conditions, and test data provided by the City of Buellton, owner, or its representative has been assumed to be correct and complete.

2.4 LIMITATIONS

The information presented in this Phase 1 ESA report is based on the agreed upon scope of work as noted above. The Phase One Group makes no warranties or guarantees as to the accuracy or completeness of information obtained from information provided or compiled by others. It is possible that information exists beyond the scope of this investigation. Also, changes in subject property use may have occurred sometime in the past due to variations in rainfall, temperature, water usage, economic, agricultural or other factors. Limited site specific information was made available to The Phase One Group about the subject property. Additional information that was not found or available to The Phase One Group at the time of writing the report, may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by The Phase One Group have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

The Phase One Group notes that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties.

The Phase One Group notes that no investigation can absolutely rule out the existence of any hazardous materials at a given site. This assessment has been based upon prior site history and observable conditions and activities. Existing hazardous materials and contaminants can escape detection using these methods.

The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and location given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. In addition, this report is not intended as a regulatory agency compliance/safety audit or for the purpose of ensuring that all applicable permits and/or operating procedures are current and/or appropriate.

The Phase One Group recommends that any periodic review of any property should include an update of information on environmental conditions in the area. The Phase One Group notes that no soils, groundwater, or potable water testing for the presence of hazardous substances was performed for this assessment.

2.5 LIMITING CONDITIONS

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this Phase 1 ESA are more specifically set forth below:

- Interviews with the past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 5.1.2), this data gap is not expected to alter the findings of this investigation.

- The Phase One Group requested information relative to deed restrictions and environmental liens and a title search from the Report User. This information was not provided at the time of the assessment.

- The Phase One Group was not able to document the historical use of the subject property prior to 1928. The following sources were reviewed during the course of this assessment and found to be limited: aerial photographs were not available prior to 1928; historical city directories were not available prior to 2001, Sanborn fire insurance map coverage was not available for the subject property; and historical topographic maps were not reasonably ascertainable from local agencies. This data failure is not considered critical and does not change the conclusions of this report, as the 1928 aerial photograph shows the northeastern portion of the subject property appearing to be improved with a dwelling and developed for agricultural purposes as an orchard, and the remainder of the subject property appearing to be undeveloped.

3.0 PROPERTY DESCRIPTION

3.1 PROPERTY LOCATION AND DESCRIPTION

3.1.1 Type of Property

The subject property is located on the southwest side of Dairyland Road, on the south side of the intersection of Dairyland Road and Valley Dairy Road. The subject property consists of a total of five contiguous parcels of land totaling approximately 21.25-acres identified by the Santa Barbara County Assessor as Assessor's Parcel Numbers (APNs) 099-660-032, 099-660-033, 099-660-034, 099-660-035 and 099-670-005. The subject property is a residential/agricultural property improved with a single-story dwelling, a refurbished barn, a maintenance shop and two storage sheds. The remainder of the subject property is developed with a pavestone driveway and walkway, a concrete-paved walkway, a goat corral and chicken pen, landscaping, pastureland, and undeveloped land. The subject property is equipped with one irrigation groundwater well. At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold. Evidence of hazardous materials and petroleum products storage was observed at the subject property during the site visit.

3.1.2 Improvements

The subject property is a residential/agricultural property improved with a single-story dwelling, a refurbished barn, a maintenance shop and two storage sheds. The remainder of the subject property is developed with a pavestone driveway and walkway, a concrete-paved walkway, a goat corral and chicken pen, landscaping, pastureland, and undeveloped land. The subject property is equipped with one irrigation groundwater well.

3.1.3 Current Property Use

At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold. Evidence of hazardous materials and petroleum products storage was observed at the subject property during the site visit.

4.0 USER PROVIDED INFORMATION

Pursuant to ASTM E1527-13, The Phase One Group requested the following site information from the City of Buellton (User of this report).

4.1 TITLE RECORDS

The Phase One Group requested title records from the User; however, title records were not available and were not provided to The Phase One Group for review.

4.2 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS

The Phase One Group requested information from the User regarding knowledge of environmental liens, activity and use limitations for the subject property. The site contact, Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was not aware of any environmental liens associated with the subject property. In addition, the site contact had no knowledge of any use or activity limitations for the subject property.

4.3 SPECIALIZED KNOWLEDGE

The Phase One Group inquired with the site contact regarding any specialized knowledge of environmental conditions associated with the subject property. The site contact, Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was not aware of any environmental conditions associated with the subject property.

4.4 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The Phase One Group inquired with the User regarding any specialized knowledge of environmental conditions associated with the subject property. The site contact, The site contact, Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was not aware of any environmental conditions associated with the subject property.

4.5 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The Phase One Group inquired with the site contact regarding any knowledge of reductions in property value due to environmental issues. The site contact, Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was not aware of any valuation reductions associated with the subject property.

4.6 OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION

According to the Santa Barbara County Assessor, the current subject property owner is identified as Willemsen Living Trust 10/5/95, who has owned the subject property since May 27, 2015. Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was interviewed and provided property specific information. As stated in Section 3.1.3, at the time of The Phase One Group's site visit, the subject property was in the process of

being vacated to be sold. Evidence of hazardous materials and petroleum products storage was observed at the subject property during the site visit.

4.7 PRIOR REPORTS

No prior reports issued for the subject property by others were provided to The Phase One Group for review.

4.8 REASON FOR PERFORMING PHASE 1 ESA

The Phase One Group understands that the findings of this study will be used by the City of Buellton for environmental due diligence purposes.

5.0 RECORDS REVIEW

5.1 GENERAL PUBLIC RECORDS

5.1.1 Physical Setting Sources

5.1.1.1 Topography

The United States Geological Survey (USGS), Solvang, California Quadrangle 7.5 minute series topographic map was reviewed for this ESA. This map was published by the Geological Survey in 1995. According to the contour lines on the topographic map, the subject property is located approximately 320 feet above Mean Sea Level (msl). The contour lines in the area of the subject property slopes gently to the southwest. The subject property is depicted on the map as improved with five small structures, and the remainder of the subject property is depicted as undeveloped land.

5.1.1.2 Geology/Soils

Based on the review of the Geologic Map of California, published by the United States Geological Society (USGS), the subject property is situated in the Coast Ranges California Geomorphic Province. The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped with several soil types, including Corducci and Typic Xerofluvents, 0 to 5 percent slopes, occasionally flooded, MLRA 14 (300), Santa Ynez gravelly fine sandy loam, 2 to 9 percent slopes (SnC), Mocho sandy loam, overflow (Mr), and Camarillo very fine sandy loam (Cc).

5.1.1.3 Hydrology

According to California's Groundwater: Bulletin 118, published by the State of California Department of Water Resources, the subject property is located in the Central Coast Hydrologic Region, Santa Ynez River Valley Groundwater Basin. The Santa Ynez River Valley Groundwater Basin is bounded by the Purisima Hills on the northwest, the San Rafael Mountains on the northeast, the Santa Ynez Mountains on the south, and the Pacific Ocean on the west. On the east and underlying the groundwater basin, the basin is bounded by consolidated nonwater-bearing rocks of Tertiary age (Wilson 1959). The Santa Ynez River, which rises in Juncal Canyon, follows a westward course for about 70 miles through the valley before flowing into the Pacific Ocean. Precipitation across the valley ranges from 15 to 21 inches, with an average of 17 inches.

The nearest surface water in the vicinity of the subject property is the Santa Ynez River, located adjacent to the southwest side of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the City of Buellton Water System serves the subject property vicinity. According to a representative of the City of Buellton Water System, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Buellton Water System are from four groundwater wells (Buellton Uplands and Santa Ynez River Underflow) and is supplemented by the State Water Project (from Northern California via aqueduct).

According to environmental documentation posted on the State Water Resources Control Board, GeoTracker website (http://geotracker.swrcb.ca.gov), the depth and direction of groundwater in the vicinity of the subject property is inferred to be present at approximately 30 to 40 feet below ground surface (bgs) and flow toward the west-northwest.

5.1.2 Historical Use Information

5.1.2.1 Prior Uses of Property

Based on a review of historical sources, the northeastern portion of the subject property appeared to be improved with a dwelling and developed for agricultural purposes as an orchard, and the remainder of the subject property appeared to be undeveloped from prior to 1928 until prior to 1938, when the existing barn was developed on the northeastern portion of the subject property and the subject property was reportedly used as a dairy farm, identified as the Willemsen Dairy. By 1943, additional farm-related structures and development were built on the northeastern portion of the subject property and by 1954 the southwestern portion of the subject property appeared to be used for pastureland as part of the dairy farm. By 1969, a retention basin appeared to be developed on the southeastern portion of the subject property, and by 1973, the southwestern

portion of the subject property appeared to be developed for agricultural purposes. The subject property reportedly continued to be used as a dairy farm and for agricultural purposes until 1996, when the dairy farm ceased operations and the existing dwelling was developed on the northeastern portion of the subject property. The existing barn was reportedly refurbished and improved with a workshop, kitchen and a loft studio apartment. In addition, the existing maintenance shop was built on-site, and subsequently developed with two storage sheds. At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold.

The subject property was historically used as a dairy farm operation. It is unknown where wastewater discharge generated from the former dairy farm operation was directed to at the subject property. The subject property soils in the area of the former dairy farm operation due to wastewater discharge may contain excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. Based on the above, the former dairy farm operation represents a recognized environmental condition (REC) in connection with the subject property.

A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

The northeastern portion of the subject property appears to be developed for agricultural purposes as an orchard on the historical aerial photograph dated 1928, and the southwestern portion of the subject property appears to be developed for agricultural purposes on the historical aerial photographs dated 1973, 1978 and 1981. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Based on the above, the former agricultural use at the subject property represents a recognized environmental condition (REC) in connection with the subject property.

5.1.2.2 Recorded Land Title Records

Environmental liens recorded against the subject property were not reported to The Phase One Group.

5.1.2.3 Chain of Title

A 50-year chain-of-title was not requested for this study. Historical use of the subject property was researched using other standard historical sources.

5.1.2.4 Aerial Photographs

Available aerial photographs dated 1928, 1938, 1943, 1954, 1960, 1967, 1969, 1973, 1978, 1981, 1994, 2002, 2005, 2009, 2010, 2012, 2014, 2016 and 2018 from Envirosite Corporation (Envirosite) were reviewed for this Phase 1 ESA. The photographs are discussed below.

Date: **1928**
Source: **USDA**
Description: The 1928 aerial photograph shows the northeastern portion of the subject property as improved with a dwelling and developed for agricultural purposes as an orchard, and the remainder of the subject property as undeveloped. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be agricultural land and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be undeveloped land.

Date: **1938**
Source: **USDA**
Description: The 1938 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be agricultural land and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land and undeveloped land.

Date: **1943**
Source: **USDA**
Description: The 1943 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be agricultural land and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land and undeveloped land.

Date: **1954**
Source: **USDA**
Description: The 1954 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 1943 aerial photograph.

Date: **1960**
Source: **USDA**
Description: The 1960 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be agricultural land and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land.

Date: **1967**
Source: **USDA**
Description: The 1967 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 1960 aerial photograph.

Date: **1969**
Source: **USDA**
Description: The 1969 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland and undeveloped land. A retention basin appears to be developed on the southeastern portion of the subject property. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be agricultural land and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be undeveloped land.

Date: **1973**
Source: **USDA**
Description: The 1973 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland, agricultural land and undeveloped land. A retention basin appears to be developed on the southeastern portion of the subject property. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be developed with

the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land.

Date: **1978**
Source: **USDA**
Description: The 1978 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland, agricultural land and undeveloped land. A retention basin appears to be developed on the southeastern portion of the subject property. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be developed with the existing mobile home park, the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land.

Date: **1981**
Source: **NHAP**
Description: The 1981 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 1978 aerial photograph.

Date: **1994**
Source: **DOQ**
Description: The 1994 aerial photograph shows the northeastern portion of the subject property as improved with the existing barn, as well as a dwelling and additional structures. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast appears to be agricultural land. The adjacent property to the southeast appears to be developed with the existing mobile home park, the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be agricultural land.

Date: **2002**
Source: **DOQ**
Description: The 2002 aerial photograph shows the northeastern portion of the subject property as improved with the existing dwelling, the existing barn, as well as the existing maintenance shop. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast across Dairyland Road and the intersection of Dairyland Road and Meadow View Drive appears to be developed with the four

existing dwellings. The adjacent property to the southeast appears to be developed with the existing mobile home park, the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be undeveloped land.

Date: **2005**
Source: **NAIP**
Description: The 2005 aerial photograph shows the northeastern portion of the subject property as improved with the existing dwelling, the existing barn, as well as the existing maintenance shop. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast across Dairyland Road and the intersection of Dairyland Road and Meadow View Drive appears to be developed with the four existing dwellings. The adjacent property to the southeast appears to be developed with the existing mobile home park, the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be under development with the existing city park.

Date: **2009**
Source: **NAIP**
Description: The 2009 aerial photograph shows the northeastern portion of the subject property as improved with the existing dwelling, the existing barn, as well as the existing maintenance shop. The remainder of the subject property appears to be pastureland and undeveloped land. The adjacent property to the northeast across Dairyland Road and the intersection of Dairyland Road and Meadow View Drive appears to be developed with the four existing dwellings. The adjacent property to the southeast appears to be developed with the existing mobile home park, the existing wastewater treatment plant and undeveloped land. The adjacent property to the southwest appears to be the Santa Ynez River. The adjacent property to the northwest appears to be developed with the existing city park.

Date: **2010**
Source: **NAIP**
Description: The 2010 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 2009 aerial photograph.

Date: **2012**
Source: **NAIP**
Description: The 2012 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 2010 aerial photograph.

Date: **2014**
Source: **NAIP**
Description: The 2014 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 2012 aerial photograph.

Date: **2016**
Source: **NAIP**
Description: The 2016 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 2014 aerial photograph.

Date: **2018**
Source: **NAIP**
Description: The 2018 aerial photograph showed no changes to the subject property or the adjoining properties as compared to the 2016 aerial photograph.

5.1.2.5 Fire Insurance Maps

Sanborn maps were originally created in the late 1800s and early 1900s for assessing fire insurance liability in urbanized areas of the United States. These maps include detailed town and building information.

The Phase One Group reviewed Sanborn fire insurance maps available from Historical Information Gatherers (HIG) on May 7, 2020. Sanborn map coverage was not available for the subject property.

5.1.2.6 Historical City Directories

Historical city directories were researched by HIG and presented in their research summary dated May 7, 2020. The historical use of the subject property is summarized below:

Year	Listing
2001	No address listing
2006	XXXX (no address listing)
2011	XXXX (no address listing)
2018	Willemsen Janette

According to the research summary, the subject property was occupied with a residential tenant in 2018. No potential environmental issues were identified based on a review of historical city directories.

A copy of the city directory research summary is included in the appendix.

5.1.2.7 Building Permit Records

The Phase One Group contacted the City of Buellton Planning Department for building information on the subject property. According to the City of Buellton, the City of Buellton contracts with the County of Santa Barbara Building and Safety Division for building permit review and issuance of building inspection services. One original building permit record dated August 3, 1995 was issued by the County of Santa Barbara Building and Safety Division for the development of the existing single-family dwelling addressed 202 Dairyland Road. In addition, according to a permit history listing under APN 099-252-073, a demolition permit and an electrical permit were issued on May 8, 1995. No additional building permit records were found under the subject property addresses of 202, 208, 212 and 218 Dairyland Road. No potential environmental issues were identified based on a review of the building permit records.

A copy of the reviewed building permit records is included in the appendix.

5.1.2.8 Planning Records

The Phase One Group visited the City of Buellton Planning Department for information on the subject property in order to identify Activity Use Limitations (AULs) associated with the subject property. According to records reviewed, the subject property is zoned RS-6 - Residential – for residential use, and OS – Open Space.

5.1.2.9 Other Maps

The Phase One Group performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06083C 1052G, dated December 4, 2012, the northeastern portion of the subject property appears to be located in Zone X, an area of minimal flood hazard, and the southwestern portion of the subject property is located in Zone AE, an area with a reported Base Flood Elevation (BFE) of approximately 318 to 320 feet above mean sea level (msl).

The Phase One Group researched the State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR), DOGGR Online Mapping System (http://maps.conservation.ca.gov/doms) for information regarding oil and gas development. According to the DOGGR Online Mapping System, no oil or gas wells are located on or adjacent to the subject property.

5.1.3 Properties and Areas Surrounding the Property

5.1.3.1 Current Uses of Adjoining Properties

The current use of adjoining properties was observed from the subject property as follows:

Northeast	Dairyland Road and the intersection of Dairyland Road and Meadow View Drive, followed by four dwellings (224, 228 Dairyland Road and 217, 228 Valley Dairy Road)
Southeast	Ranch Club Mobile Estates (330 West Highway 246), the Buellton Wastewater Treatment Plant (79 Industrial Way) and vacant land (no address identified)
Southwest	Santa Ynez River
Northwest	City of Buellton River View Park (151 Sycamore Drive)

5.1.3.2 Past Uses

Based on a review of the historical aerial photographs, the adjoining properties were historically undeveloped and developed for agricultural purposes prior to the current improvements.

5.1.3.3 Current Use of Surrounding Areas

The subject property is located in a mixed residential and industrial area of the City of Buellton. None of the adjoining properties are expected to have posed an environmental concern to the subject property.

5.2 ENVIRONMENTAL RECORDS REVIEWS

5.2.1 Mapped Database Records Search

Information from standard federal and state environmental record sources is provided through Envirosite Corporation (Envirosite). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/- 300 feet. Based on the review of the unmappable sites, none of these sites are within the prescribed search radii.

The subject property is not listed in the Envirosite Corporation (Envirosite) environmental database report.

The adjacent properties are not listed in the Envirosite environmental database report.

Federal NPL

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program.

No NPL sites are located within one mile of the subject property.

Federal CERCLIS List

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

No CERCLIS sites are listed within one-half mile of the subject property.

Federal CERCLIS NFRAP Sites List

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment, under the CERCLA framework.

No CERCLIS NFRAP sites are listed within one-half mile of the subject property.

Federal Resource Conservation and Recovery Act (RCRA) CORRACTS TSD Facilities List

The EPA Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Treatment, Storage and Disposal (TSD) database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste. The Corrective Action Sites (CORRACTS) database is the EPA's list of treatment storage or disposal facilities subject to corrective action under RCRA.

No RCRA CORRACTS TSD sites are listed within one mile of the subject property.

Federal Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List

The RCRA TSD database is a compilation by the EPA of reporting facilities that treat, store or dispose of hazardous waste.

No RCRA TSD sites are listed within one-half mile of the subject property.

Federal RCRA Generator List

The RCRA program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste.

No RCRA Generator facilities are listed on the subject property or on the adjacent properties.

Federal Institutional Controls/Engineering Controls (IC/EC)

The Federal IC/EC database is designed to assist the EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant programs. The IC/EC sites are superfund sites that have either engineering or an institutional control in place. The data includes the control and the media contaminated.

No Federal IC/EC sites were found within one-half mile of the subject property.

Federal Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or reported release of oil or hazardous substances.

No ERNS sites were listed on the subject property or on the adjacent properties.

Tribal Lands

The Tribal Lands database consists of areas with boundaries established by treaty, statute, and/or executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

No Tribal Land sites were found within one-mile of the subject property.

State/Tribal Sites

The State of California Environmental Protection Agency, Department Toxic Substances Control (DTSC) maintains a State Priority List (SPL) of sites considered to be actually or potentially contaminated and a State CERCLIS-equivalent list (SCL) (ENVIROSTOR) of sites under investigation that could be actually or potentially contaminated and presenting a possible threat to human health and the environment.

No SPL or SCL (ENVIROSTOR) sites are listed within one-mile of the subject property.

Solid Waste/Landfill Facilities (SWLF)

A database of Solid Waste/Landfill Facilities (SWLF) is prepared by California Integrated Waste Management Board.

No SWLF facilities are listed within one-half mile of the subject property.

State/Tribal Leaking Underground Storage Tank List (LUST)

The California Regional Water Quality Control Board compiles lists of all leaks of hazardous substances from underground storage tanks, identified as Leaking Underground Storage Tank (LUST) facilities.

A total of five LUST facilities are identified within one-half mile of the subject property. However, based on the relative distance, regulatory status, and/or inferred direction of groundwater flow, the listed sites are not expected to represent a significant environmental concern.

State/Tribal Underground Storage Tank/Aboveground Storage Tank List (UST/AST)

The California Regional Water Quality Control Board compiles a list of underground storage tank (UST) and aboveground storage tank (AST) locations.

No UST or AST facilities are listed on the subject property or on the adjacent properties.

State/Tribal VCP Sites

The California Department of Toxic Substances Control compiles a list of Voluntary Cleanup Program (VCP) sites. This list contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

No State/Tribal VCP sites were found within one-half mile of the subject property.

State/Tribal Brownfields Sites

The California Department of Toxic Substances Control has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

No State/Tribal Brownfields sites were found within one-half mile of the subject property.

SLIC Sites

The Spills, Leaks, Investigations and Cleanup (SLIC) program, managed by the California Regional Water Quality Control Board, is designed to protect and restore water quality from spills, leaks and similar discharges. This list includes sites that have recorded spills, leaks, investigations, and cleanups.

One SLIC site is listed within one-half mile of the subject property. However, based on the relative distance, regulatory status, and/or inferred direction of groundwater flow, the listed site is not expected to represent a significant environmental concern.

DRYCLEANERS Sites

The California EPA maintains a list of registered dry cleaning facilities.

No DRYCLEANERS sites are listed within one-fourth mile of the subject property.

Unmappable Listings

A total of five unmappable listings are identified in the regulatory database report. However, based on the relative distance, regulatory status, and/or inferred direction of groundwater flow, the listed sites are not expected to represent a significant environmental concern.

5.2.2 Vapor Encroachment Screening

ASTM defines a vapor encroachment condition (VEC) as the presence or likely presence of vapors from chemicals of concern (COC) in the subsurface of a property caused by the release of vapors on or near the subject property. As a "Tier 1" vapor encroachment screening, The Phase One Group reviewed information obtained during the Phase I ESA, including the environmental database, visual observations of adjacent and nearby properties, geology, groundwater depth and flow direction, interviews of knowledgeable persons, and known sources of contamination in the nearby vicinity to evaluate the likelihood of a VEC in connection with the subject property. This information indicates there are no known active sources of contamination within 500 feet of the subject property, or large quantity generators of waste containing potential COC within 200 feet. Based on the results of this Tier 1 screening, it appears reasonable to conclude that a VEC can be ruled out for the subject property.

5.2.3 Local Regulatory Review

5.2.3.1 Fire Department

The subject property is under the jurisdiction of the Santa Barbara County Fire Department, and the Santa Barbara County Public Health Department, Environmental Health Services governs public information records requests for the Santa Barbara Fire Department. The Phase One Group requested records from the Santa Barbara County Public Health Department, Environmental Health Services for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases, as well as the presence of USTs. No records were found under the subject property addresses.

5.2.3.2 Health Department

The subject property is under the jurisdiction of the Santa Barbara County Fire Department, and the Santa Barbara County Public Health Department, Environmental Health Services governs public information records requests for the Santa Barbara Fire Department. The Phase One Group requested records from the Santa Barbara County Public Health Department, Environmental Health Services for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases, as well as the presence of USTs. No records were found under the subject property addresses.

5.2.3.2 Air Quality Management District

Lead Tech Environmental requested records from the Santa Barbra County Air Pollution Control District (SBCAPCD) for the subject property. No records were found under the subject property addresses.

5.2.3.3 California Regional Water Quality Control Board

The Phase One Group researched the California Regional Water Quality Control Board (CRWQCB) online database (GeoTracker) for information regarding any releases to the subsurface which may have impacted or threatened a body of water.

No records regarding a release or the presence of AULs on the subject property were on-file with the CRWQCB.

5.2.3.4 Department of Toxic Substances Control

The Phase One Group researched the Department of Toxic Substances Control (DTSC) online database (EnviroStor) for the subject property. These records may contain evidence indicating current and/or historical hazardous materials usage, storage or releases.

No records regarding a release or the presence of AULs on the subject property were on file with the DTSC.

5.2.3.5 Assessor's Office

The Phase One Group contacted the Santa Barbara County Assessor for information on the subject property. According to the records reviewed, the subject property is identified as Assessor's Parcel Numbers (APNs) 099-660-032, 099-660-033, 099-660-034, 099-660-035 and 099-670-005, and the current subject property owner is identified as Willemsen Living Trust 10/5/95, who has owned the subject property since May 27, 2015. The subject property is reportedly approximately 21.25-acres in size. In addition, the subject property is identified by the Santa Barbara County Assessor under the addresses 202,

208, 212 and 218 Dairyland Road. However, the 202 Dairyland Road address is used to identify the subject property.

A copy of the reviewed records is included in the appendix.

6.0 RECONNAISSANCE AND INTERVIEWS

The subject property was inspected by Mark E. Smith, Environmental Professional, a representative of The Phase One Group, on May 11, 2020. The weather at the time of the site visit was sunny and clear and approximately 75 degrees Fahrenheit. Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, was interviewed and provided property specific information.

6.1 PROPERTY CHARACTERISTICS

6.1.1 Topography

The United States Geological Survey (USGS), Solvang, California Quadrangle 7.5 minute series topographic map was reviewed for this ESA. This map was published by the Geological Survey in 1995. According to the contour lines on the topographic map, the subject property is located approximately 320 feet above Mean Sea Level (msl). The contour lines in the area of the subject property slopes gently to the southwest. The subject property is depicted on the map as improved with five small structures, and the remainder of the subject property is depicted as undeveloped land.

6.1.2 Potable Water Supply

According to available information, a public water system operated by the City of Buellton Water System serves the subject property vicinity. According to a representative of the City of Buellton Water System, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Buellton Water System are from four groundwater wells (Buellton Uplands and Santa Ynez River Underflow) and is supplemented by the State Water Project (from Northern California via aqueduct). According to the City of Buellton Water System Consumer Confidence Report, June 2019, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.1.3 Solid Waste Disposal

Solid waste on the subject property is collected in trash cans located throughout the subject property. The solid waste is collected by MarBorg Industries. No evidence of illegal dumping of solid waste was observed during the site reconnaissance and no indication of potentially hazardous material disposal was noted during the reconnaissance.

6.1.4 Sewage Discharge and Disposal

The subject property area is serviced by the City of Buellton. No evidence of on-site septic tanks or septic systems was noted.

Although no evidence was identified during the site visit, historical on-site septic systems may be present on-site. In addition, the former dairy farm building may be equipped with a septic system.

6.1.5 Surface Water Drainage

Surface water drainage from the subject property is via sheet flow throughout the subject property to on-site storm water drains located throughout the subject property.

6.1.6 Source of Heating and Cooling

The on-site dwelling at the subject property is heated and cooled by a split systems with a central unit and interior air handler and exterior condenser. The loft studio apartment within the on-site barn is heated by an electric wall-mounted heater. No evidence of air conditioning equipment was observed at the on-site barn. Southern California Gas Company provides natural gas to the subject property and Pacific Gas & Electric (PG&E) provides electricity to the subject property. The on-site dwelling is equipped with one natural gas hot water heater, and the on-site barn is equipped with one electric hot water heater.

6.1.7 Wells and Cisterns

The subject property is equipped with one irrigation groundwater well located on the southern portion of the subject property. The irrigation groundwater well is reportedly not used for potable use as drinking water to the subject property is provided by the City of Buellton Water System. No additional information regarding the on-site groundwater well was provided to The Phase One Group.

No evidence of cisterns was observed on the subject property.

6.1.8 Current Occupants

At the time of The Phase One Group's site visit, the subject property was in the process of being vacated to be sold.

6.2 POTENTIAL ENVIRONMENTAL HAZARDS

6.2.1 Hazardous Materials and Petroleum Products

The on-site reconnaissance addressed hazardous materials and petroleum products utilized on the subject property. An unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals were observed stored outside adjacent to maintenance shop. No evidence of leaks or staining was observed in the areas of the ASTs and containers of hydraulic oil, lubricants and maintenance chemicals.

In addition, typical household cleaning chemicals and paints used for general maintenance purposes were observed stored at the subject property. The household cleaning chemicals and paints are not expected to represent a significant environmental concern to the subject property.

6.2.2 Labeled Drums and Containers

The on-site reconnaissance addressed labeled drums and containers located on the subject property. Three 55-gallon drums labeled as containing waste food grease were observed stored adjacent to the maintenance shop. In addition, numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals were observed stored outside adjacent to maintenance shop. No evidence of leaks or staining was observed in the areas of the 55-gallon drums and containers of hydraulic oil, lubricants and maintenance chemicals.

6.2.3 Unlabeled Containers and Drums

The on-site reconnaissance addressed unlabeled containers located on the subject property. An unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn. No evidence of leaks or staining was observed in the areas of the ASTs and containers of hydraulic oil, lubricants and maintenance chemicals.

6.2.4 Disposal Locations

No evidence of hazardous waste disposal locations was observed or reported at the subject property.

6.2.5 Evidence of Releases

At the time of The Phase One Group's site visit, an area of stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

6.2.6 Stressed Vegetation/Stained Soils

As stated in Section 6.2.5 above, at the time of The Phase One Group's site visit, an area of stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

No evidence of stressed vegetation was observed at the subject property.

6.2.7 Strong, Pungent or Noxious Odors

No evidence of strong, pungent or noxious odors was identified at the subject property.

6.2.8 Polychlorinated Biphenyl's (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "Non-PCB;" 2) 50 ppm-500 ppm – "PCB-Contaminated;" and, 3) Greater than 500 ppm – "PCB-Containing." The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. One pad-mounted transformer was observed on the northeastern border of the subject property, and two pole-mounted transformers were observed on the southern corner of the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Pacific Gas & Electric (PG&E) reportedly maintains ownership and operational responsibility for the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

No additional potential PCB-containing equipment (oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property.

6.2.9 Sumps, Drywells, Catchbasins or Clarifiers

No evidence of sumps, drywells, catchbasins or clarifiers was found on the subject property.

A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

6.2.10 Pits, Ponds or Lagoons

No evidence of pits, ponds or lagoons was observed at the subject property.

6.2.11 Groundwater Wells

The subject property is equipped with one irrigation groundwater well located on the southern portion of the subject property. The irrigation groundwater well is reportedly not used for potable use as drinking water to the subject property is provided by the City of Buellton Water System. No additional information regarding the on-site groundwater well was provided to The Phase One Group.

6.2.12 Oil Wells/Pipelines

No evidence of oil wells or pipelines was observed or reported at the subject property.

One petroleum pipeline marker was observed off-site along the southwestern border of the subject property. According to the marker, the petroleum pipeline is owned and operated by Plains Pipeline, L.P. No petroleum pipeline leaks were reported.

6.2.13 Imported Fill

No information related to the use of imported fill material was identified in records for the subject property.

6.2.14 On-Site ASTs and USTs

No evidence of underground storage tanks (USTs) was identified or reported during the site visit.

An unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, and an unlabeled 55-gallon capacity portable AST was stored outside along the southwestern side of the barn.

Based on the subject property use as a former dairy farm operation, the possibility exists that the subject property is equipped with undocumented fuel underground storage tanks (USTs). No evidence of on-site USTs was observed during the site visit.

6.2.15 Radiological Hazards

No evidence of radiological substances or equipment was stored on the subject property.

6.2.16 Additional Hazard Observations

No additional hazards were observed on the subject property.

6.2.17 Asbestos

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to

contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building constructed prior to 1981 and have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The on-site dwelling was reportedly built in 1996 and the on-site barn was reportedly built prior to 1938. The Phase One Group has conducted a limited, visual evaluation of accessible areas for the presence of suspect asbestos-containing materials (ACMs) at the subject property. The objective of this visual survey was to note the presence and condition of suspect ACMs observed. Suspect ACMs observed at the subject property included wallboard/drywall and vinyl sheet flooring. The suspect ACMs appeared to be in undamaged condition.

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site visit) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the subject property; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, inspection, and evaluation will be warranted for any other use.

The Phase One Group was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

Based on the reported construction dates of the subject property buildings (prior to 1938 and 1996), a comprehensive ACM survey of construction materials at the subject property is recommended prior to any renovation or demolition activities to confirm the presence or absence of asbestos to prevent potential exposure to workers and/or building occupants.

6.2.18 Lead-Based Paint

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

The on-site barn was built prior to 1938. Based on the age of the on-site barn (pre-1978), there is a potential that lead-based paint (LBP) is present. Interior and exterior painted surfaces were observed in undamaged condition. Actual material samples would need to be collected in order to determine if LBP is present.

6.2.19 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert and gaseous element formed by radioactive decay of radium (Ra) atoms. The USEPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones; Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the US EPA Action Limit of 4.0 picoCuries per Liter (pCi/L). It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 1, where average predicted radon levels are above 4.0 pCi/L. However, based upon the reported proposed commercial use of the subject property, radon is not considered to be a significant environmental concern.

6.2.20 Water Intrusion and Mold Growth

The Phase One Group performed a limited visual inspection for the conspicuous presence of mold in the subject property buildings. The Phase One Group inspected the accessible interior areas of the subject property building, including walls and ceilings, common mechanical/electrical closets, areas under sinks and around windows and exterior doors for the presence of conspicuous mold or observed water intrusion or accumulation.

The Phase One Group did not note conspicuous visual or olfactory indications of the presence of mold, nor did The Phase One Group observe obvious indications of significant water damage at the time of the inspection (in the areas inspected). No sampling was conducted as part of this assessment.

This activity was not designed to discover all areas, which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, HVAC systems (if present), areas behind enclosed walls, attics, crawl spaces, ceilings or other areas that were difficult to access.

6.3 INTERVIEWS

Interviews were conducted with the following individuals. Findings from these interviews are discussed in the appropriate sections in this report.

6.3.1 Property

- Mr. John Frederick, Realtor, Santa Ynez Valley Real Estate Company, 805.350.0882

6.3.2 Surrounding Area

- N/A

6.3.3 Regulatory Agency Officials

- City of Buellton Planning Department
- Santa Barbara County Assessor
- Santa Barbara County Fire Department
- Santa Barbara County Public Health Department, Environmental Health Services
- Santa Barbara County Air Pollution Control District (SBCAPCD)
- Department of Toxic Substances Control (DTSC)
- California Regional Water Quality Control Board (CRWQCB)
- State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources (DOGGR), DOGGR Online Mapping System

6.4 ADDITIONAL SERVICES

No additional services were performed with this scope of work.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 CONCLUSIONS

The Phase One Group has performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard E1527-13 of the Residential/Agricultural Property located at 202 Dairyland Road, in the City of Buellton, Santa Barbara County, California 93427 (the "subject property"). Any exceptions to or deletions from this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs), historical recognized environmental conditions (HRECs), or controlled recognized environmental conditions (CRECs) in connection with the subject property, except for the following:

- At the time of The Phase One Group's site visit, an area of stained soil and gravel approximately eight feet by eight feet in size was observed within the on-site maintenance shop building. The stained soil and gravel represents a recognized environmental condition (REC) in connection with the subject property.

- The subject property was historically used as a dairy farm operation. It is unknown where wastewater discharge generated from the former dairy farm operation was directed to at the subject property. The subject property soils in the area of the former dairy farm operation due to wastewater discharge may contain excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. Based on the above, the former dairy farm operation represents a recognized environmental condition (REC) in connection with the subject property.

- A retention basin appeared to be located on the southeastern portion of the subject property on the historical aerial photographs dated 1969, 1973, 1978 and 1981. The retention basin was no longer on-site at the time of The Phase One Group's site visit. The subject property soils in the area of the retention basin may contain agricultural related chemicals, such as pesticides, herbicides, and fertilizers, along with excessive quantities of nitrites, nitrates, phosphates, antibiotics and waste pathogens (fecal coliform and streptococci) and/or heavy metals. The subject property soils within the former retention basin location represents a recognized environmental condition (REC) in connection with the subject property.

- The northeastern portion of the subject property appears to be developed for agricultural purposes as an orchard on the historical aerial photograph dated 1928, and the southwestern portion of the subject property appears to be developed for agricultural purposes on the historical aerial photographs dated 1973, 1978 and 1981. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers may have been used at the subject property. Based on the above, the former agricultural use at the subject property represents a recognized environmental condition (REC) in connection with the subject property.

An environmental issue refers to environmental concerns identified by The Phase One Group, which do not qualify as RECs; however, warrant further discussion. The following environmental issues were identified during the course of this assessment:

- An unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals were observed stored outside adjacent to maintenance shop. No evidence of leaks or staining was observed in the areas of the ASTs and containers of hydraulic oil, lubricants and maintenance chemicals.

- Based on the subject property use as a former dairy farm operation, the possibility exists that the subject property is equipped with undocumented fuel underground storage tanks (USTs). No evidence of on-site USTs was observed during the site visit.

- Although no evidence was identified during the site visit, historical on-site septic systems associated with the former on-site structures may be present on-site.

- The subject property is equipped with one irrigation groundwater well located on the southern portion of the subject property. The irrigation groundwater well is reportedly not used for potable use as drinking water to the subject property is provided by the City of Buellton Water System. No additional information regarding the on-site groundwater well was provided to The Phase One Group.

7.2 RECOMMENDATIONS

As a result of this assessment, The Phase One Group recommends the following:

- A limited subsurface investigation should be conducted at the subject property in order to determine the presence or absence of soil and/or groundwater contamination due to the former dairy farm operation and agricultural use, including the location of the former retention basin.

- A limited subsurface investigation should be conducted in the area of oil-stained soil and gravel within the maintenance shop building.

- The observed unlabeled 88-gallon capacity portable aboveground storage tank (AST) reportedly containing diesel fuel was observed stored outside along the southeastern border of the subject property, an unlabeled 55-gallon capacity portable AST stored outside along the southwestern side of the barn, and numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals should be collected and properly disposed of by a certified hazardous waste hauler.

- If on-site USTs are identified during redevelopment activities of the subject property, the USTs should be properly closed and removed following current regulatory procedures and guidelines.

- If historical on-site septic systems are identified during redevelopment activities of the subject property, the historical on-site septic systems should be properly closed and removed following current regulatory procedures and guidelines.

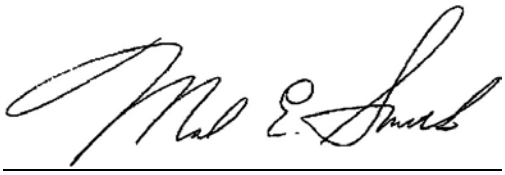
- If no longer in use, the irrigation groundwater well on the southern portion of the subject property should be properly decommissioned and closed utilizing current regulatory standards and procedures.

This summary is not to be used alone. This report must be read in its entirety.

8.0 CONSULTANT INFORMATION

8.1 SIGNATURE PAGE

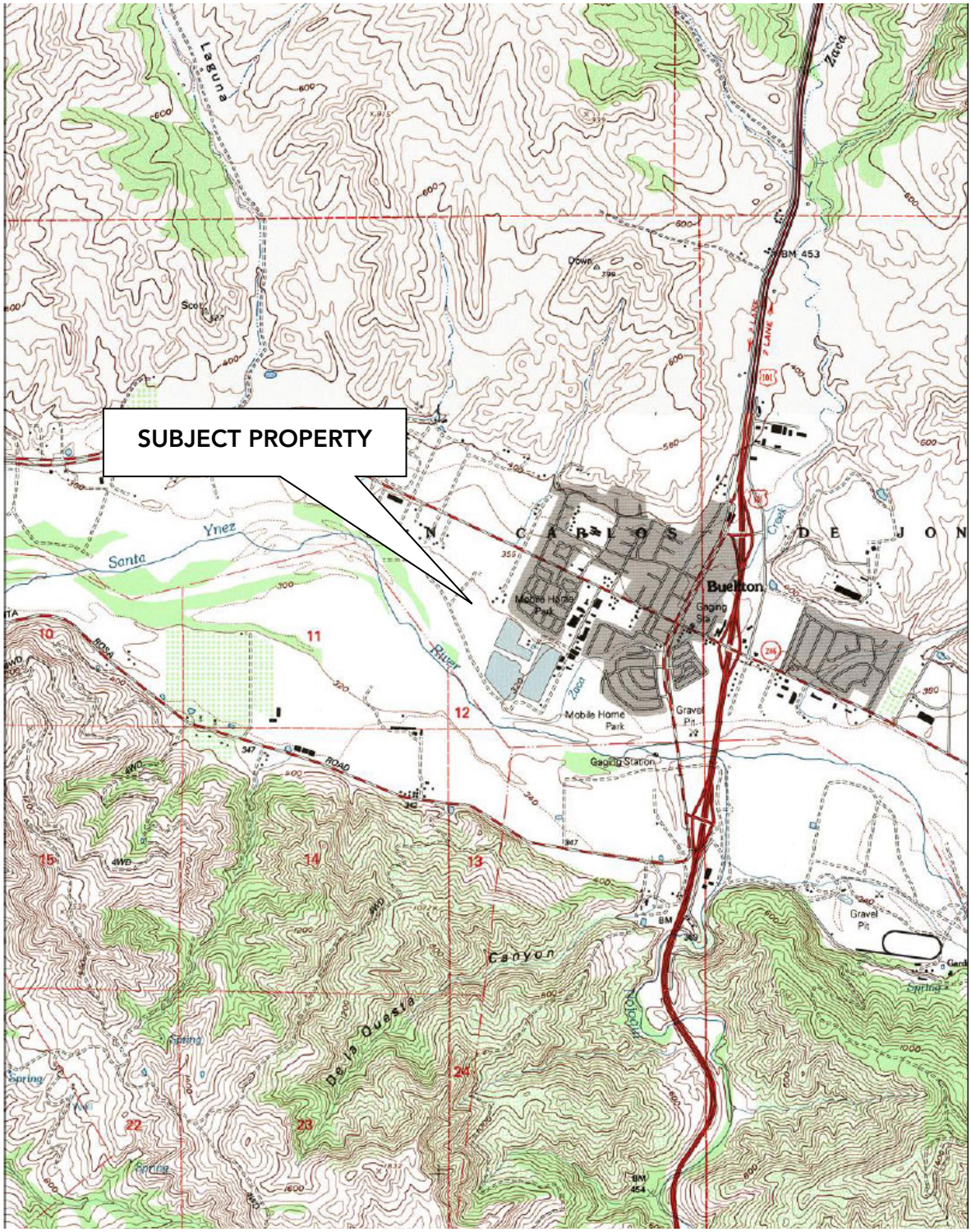
By signing below, The Phase One Group declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR §312. The Phase One Group has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. The Phase One Group has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Mark E. Smith, Environmental Professional
President
The Phase One Group LLC

FIGURES

Site Topographic Map
Site Location Map
Site Plan



SITE TOPOGRAPHIC MAP

DRAWING NOT TO SCALE

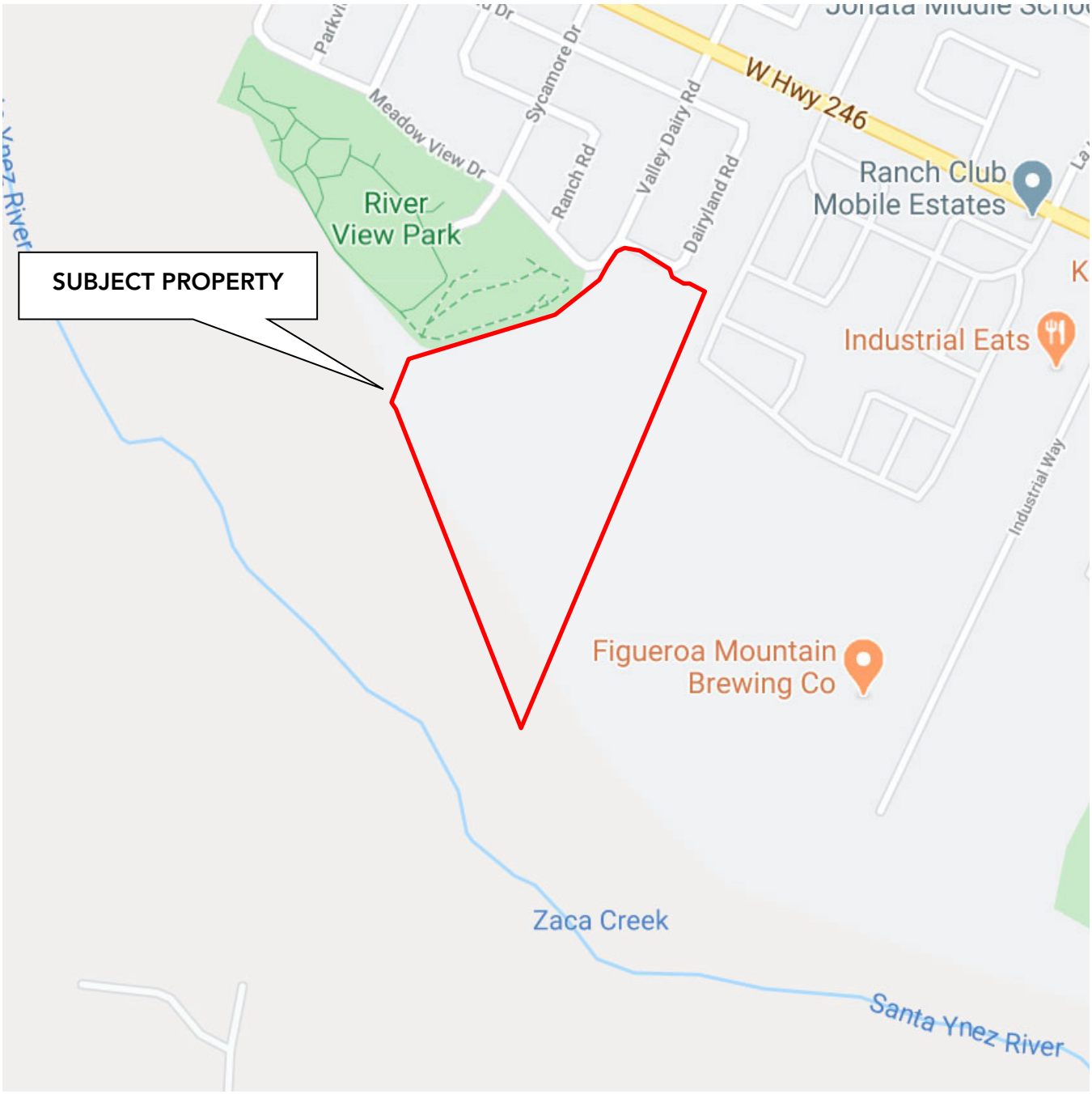
Source: USGS 7.5 Minute Topographic Map, Solvang, CA Quadrangle 1995

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012



SITE LOCATION MAP

DRAWING NOT TO SCALE

Source: Google Maps

N↑

The Phase One Group

Site:	Residential/Agricultural Property 202 Dairyland Road Buellton, California 93427
Project No.:	20-012



SITE PLAN

DRAWING NOT TO SCALE

Source: Google Earth

N↑

The Phase One Group

Site:	Residential/Agricultural Property 202 Dairyland Road Buellton, California 93427
Project No.:	20-012

APPENDIX A

Site Photographs



Photograph Number 1: View of northeastern portion of subject property from the intersection of Dairyland Road and Meadow View Drive, facing south.



Photograph Number 2: View of northeastern portion of subject property along Dairyland Road, facing southwest.



Photograph Number 3: View of northeastern portion of subject property along Dairyland Road, facing southwest.



Photograph Number 4: View of northeastern portion of subject property along Dairyland Road, facing south.



Photograph Number 5: View of on-site pad-mounted transformer along Dairyland Road, facing southwest.



Photograph Number 6: View of dwelling on northeastern portion of subject property, facing northwest.



Photograph Number 7: View of dwelling on northeastern portion of subject property, facing northwest.



Photograph Number 8: View of dwelling on northeastern portion of subject property, facing north.



Photograph Number 9: View of barn on northeastern portion of subject property, facing southwest.



Photograph Number 10: View of barn on northeastern portion of subject property, facing east.



Photograph Number 11: View of aboveground storage tank (AST) stored along southwest side of barn.



Photograph Number 12: View of maintenance shop and two sheds on northeastern portion of subject property, facing west.



Photograph Number 13: View of maintenance shop on northeastern portion of subject property, facing east.



Photograph Number 14: View of three 55-gallon drums labeled as containing waste food grease stored adjacent to maintenance shop.



Photograph Number 15: View of numerous pails and containers of hydraulic oil, lubricants and maintenance chemicals stored adjacent to maintenance shop.



Photograph Number 16: View of area between barn and maintenance shop.



Photograph Number 17: View of one of several storm water drains located throughout the subject property.



Photograph Number 18: View of shed on northeastern portion of subject property, facing southeast.



Photograph Number 19: View of 88-gallon capacity portable aboveground storage tank (AST) stored on southeastern border of subject property.



Photograph Number 20: View of goat corral located on the northeastern portion of the subject property.



Photograph Number 21: View of chicken pen located on the northeastern portion of the subject property.



Photograph Number 22: View of trailer stored on northeastern portion of subject property, facing north.



Photograph Number 23: View of southwestern portion of subject property, facing southwest.



Photograph Number 24: View of southwestern portion of subject property, facing west-southwest.



Photograph Number 25: View of southwestern portion of subject property, facing west.



Photograph Number 26: View of two pole-mounted transformers on southern corner of subject property, facing northeast.



Photograph Number 27: View of irrigation groundwater well located on southern corner of subject proeprty.



Photograph Number 28: View of southwestern portion of subject property, facing northeast.



Photograph Number 29: View of southwestern portion of subject proeprty, facing north.



Photograph Number 30: View of dwelling interior.



Photograph Number 31: View of dwelling interior.



Photograph Number 32: View of dwelling interior.



Photograph Number 33: View of dwelling interior.



Photograph Number 34: View of dwelling interior.



Photograph Number 35: View of natrual gas hot water heater within dwelling.



Photograph Number 36: View of natural gas furnace within dwelling.



Photograph Number 37: View of barn interior.



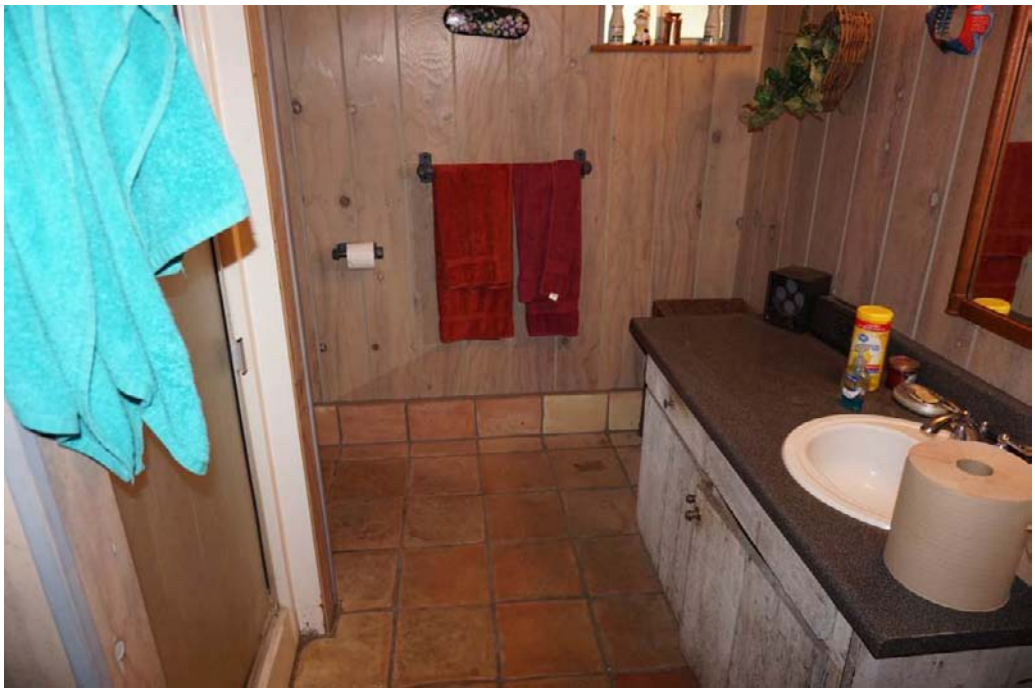
Photograph Number 38: View of barn interior.



Photograph Number 39: View of barn interior.



Photograph Number 40: View of barn interior.



Photograph Number 41: View of barn interior.



Photograph Number 42: View of electric hot water heater within barn.



Photograph Number 43: View of studio loft apartment within barn.



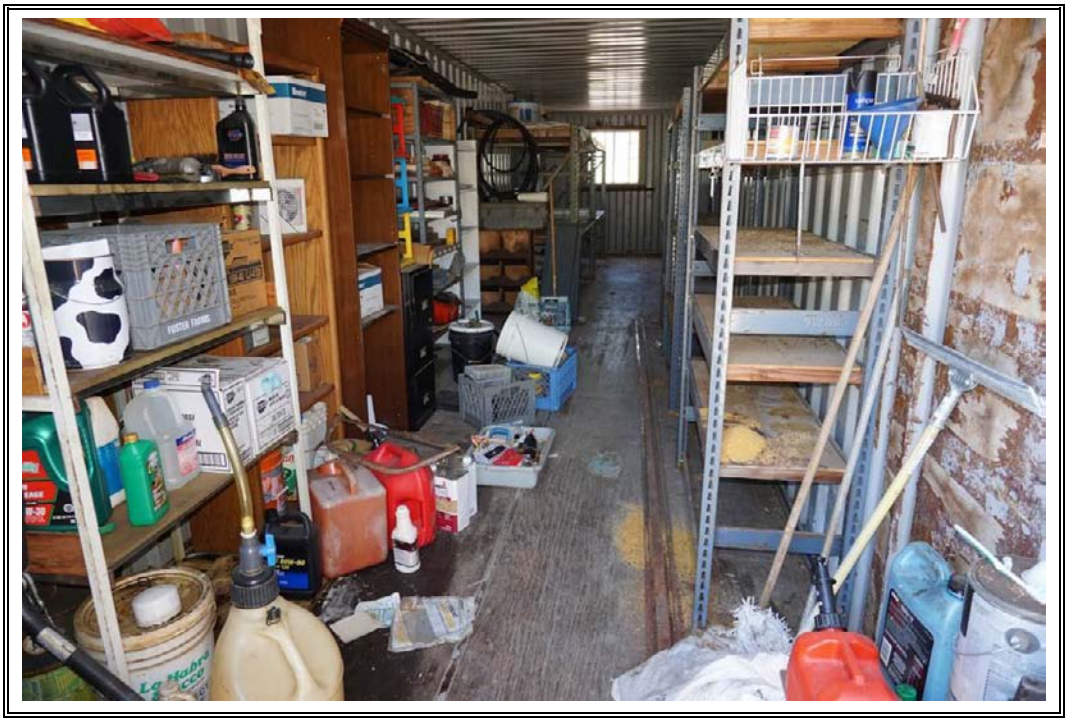
Photograph Number 44: View of studio loft apartment within barn.



Photograph Number 45: View of electric heater within studio loft apartment.



Photograph Number 46: View of maintenance shop.



Photograph Number 47: View of equipment storage within maintenance shop.



Photograph Number 48: View of adjacent property to the northeast across intersection of Dairyland Road and Valley Dairy Road, facing northwest.



Photograph Number 49: View of adjacent property to the northeast across Dairyland Road, faicng north.



Photograph Number 50: View of adjacent proeprty to the northeast across Dairyland Road, facing east.



Photograph Number 51: View of adjacent property to the northeast across Dairyland Road, facing east.



Photograph Number 52: View of adjacent property to the southeast (background), facing southeast.



Photograph Number 53: View of adjacent property to the southeast, facing east.



Photograph Number 54: View of adjacent property to the southeast, facing southeast.



Photograph Number 55: View of adjacent property to the southeast, facing southeast.



Photograph Number 56: View of adjacent property to the southwest (background), facing southwest.



Photograph Number 57: View of adjacent property to the southwest (background), facing southwest.



Photograph Number 58: View of petroleum pipeline marker along southwestern border of subject property, facing southwest.



Photograph Number 59: View of adjacent property to the northwest, facing northwest.



Photograph Number 60: View of adjacent property to the northwest, faicng northeast.

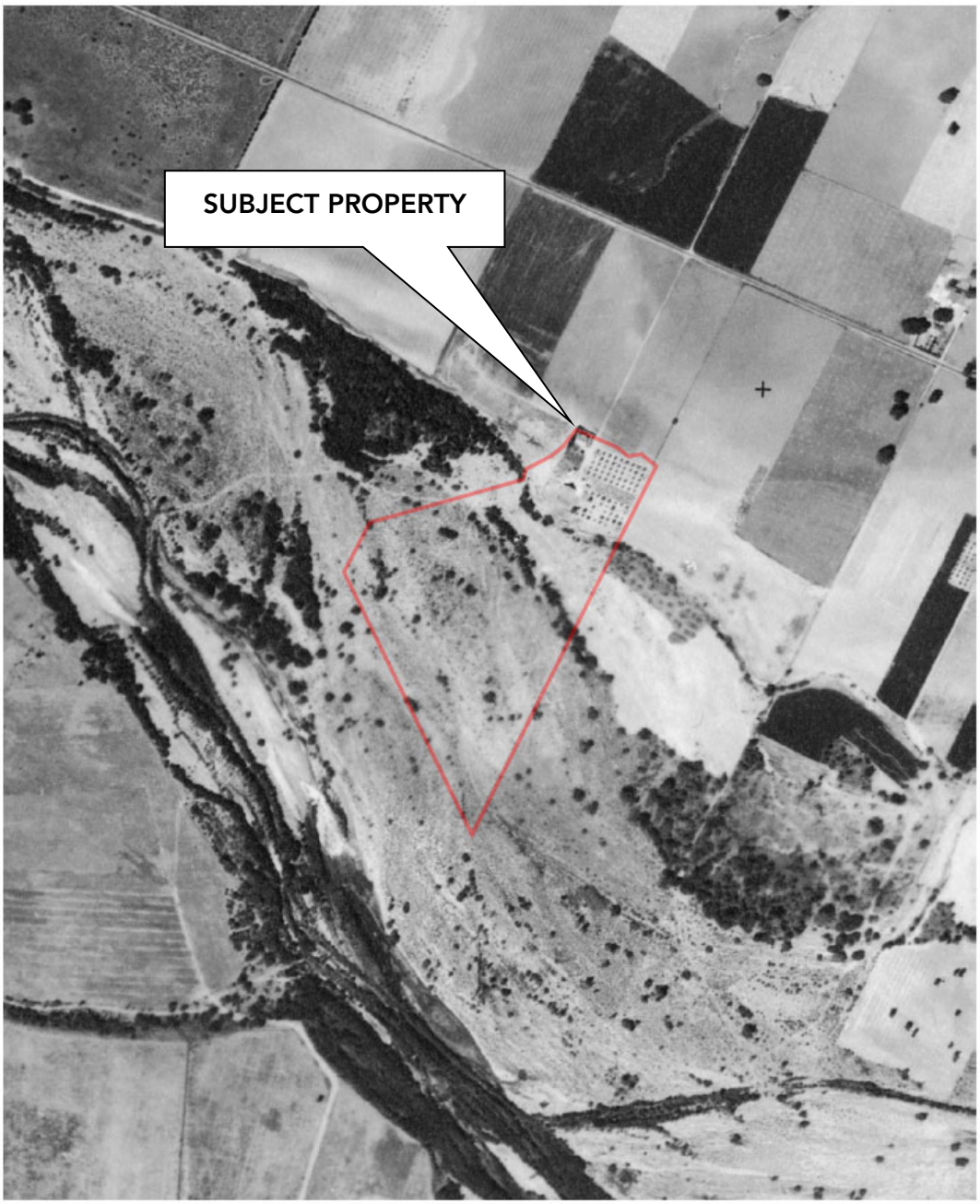
APPENDIX B

Aerial Photographs

FLIGHT YEAR:
1928

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1928
Photo ID No. USDA

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The Phase One Group

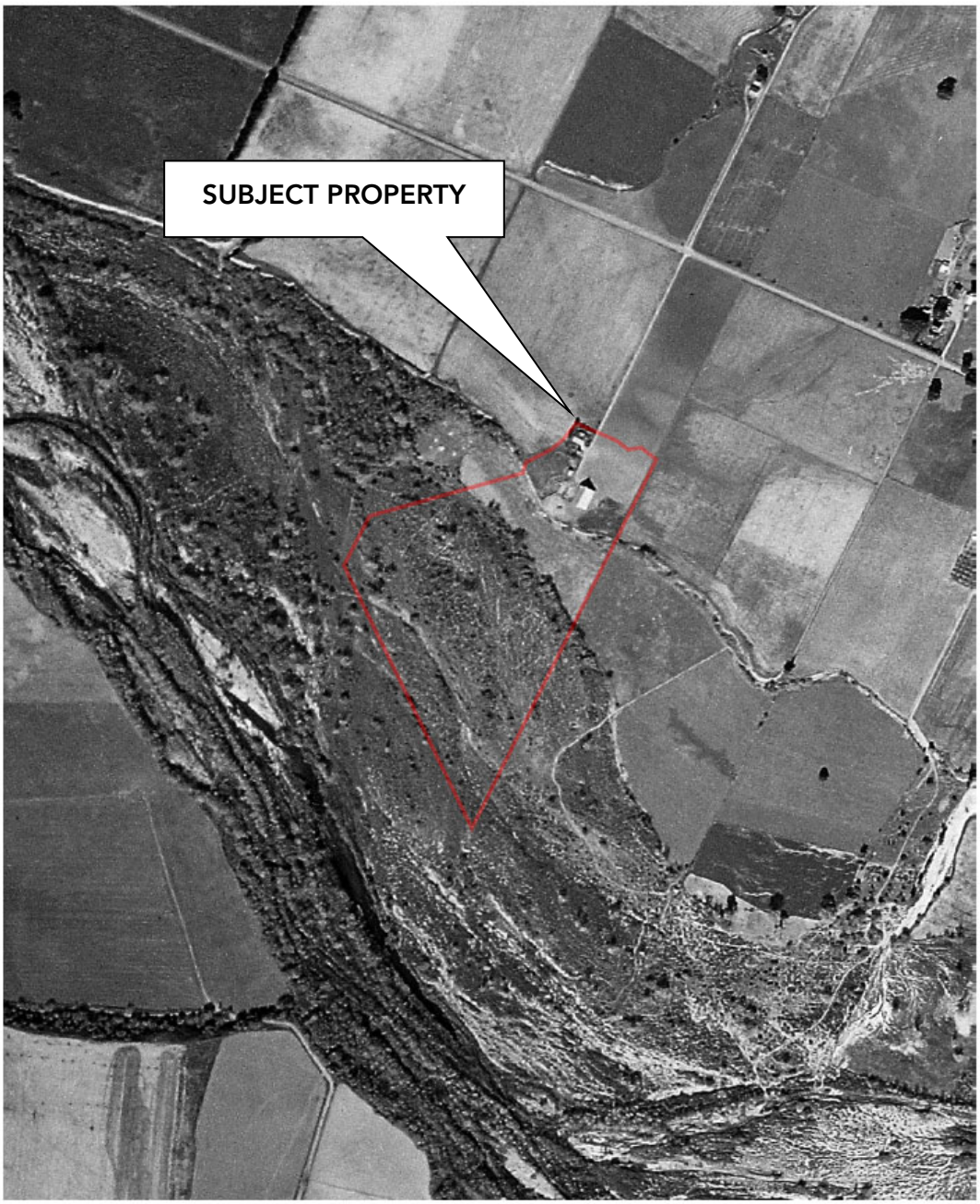
Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1938

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1938
Photo ID No. USDA

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The Phase One Group

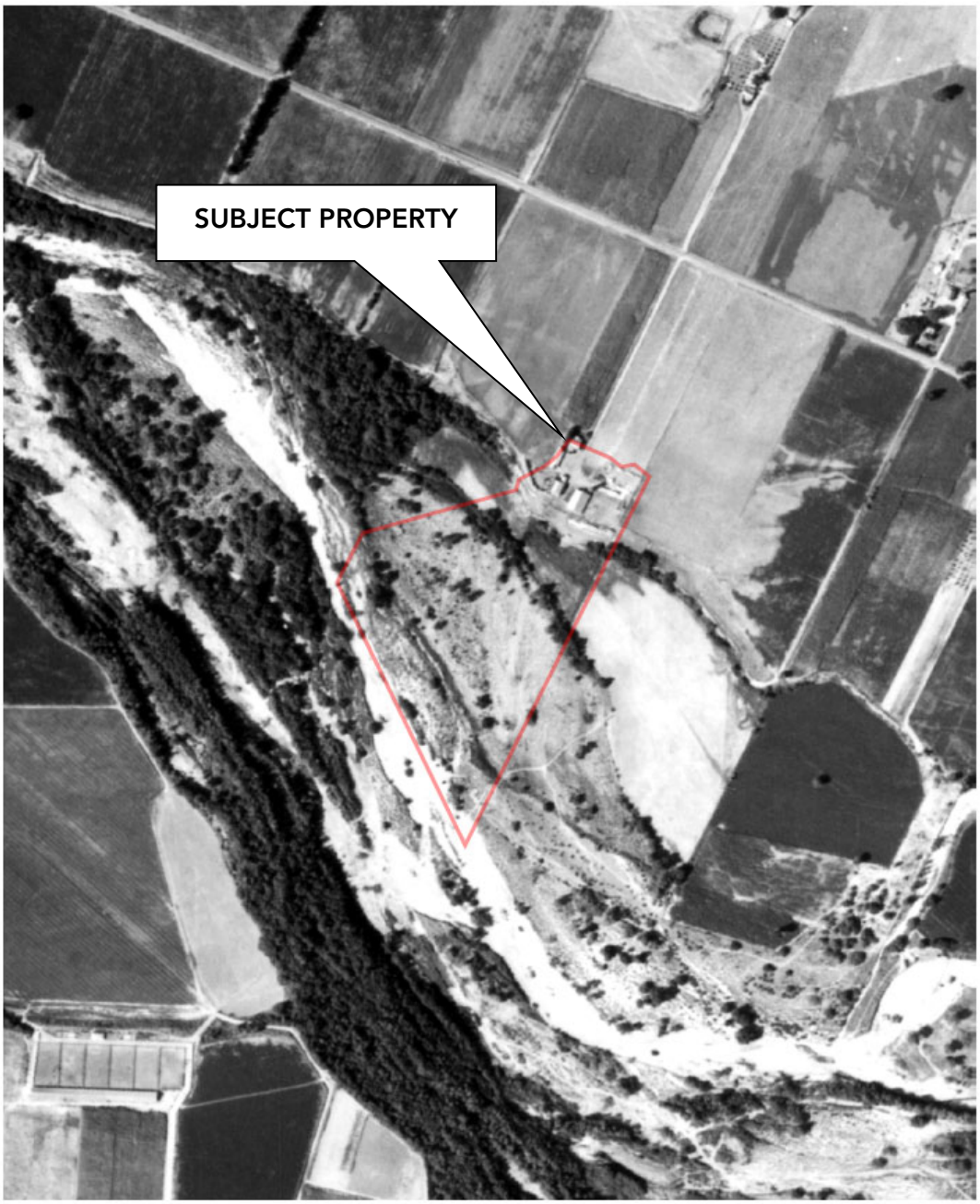
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202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1943

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1943
Photo ID No. USDA

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The Phase One Group

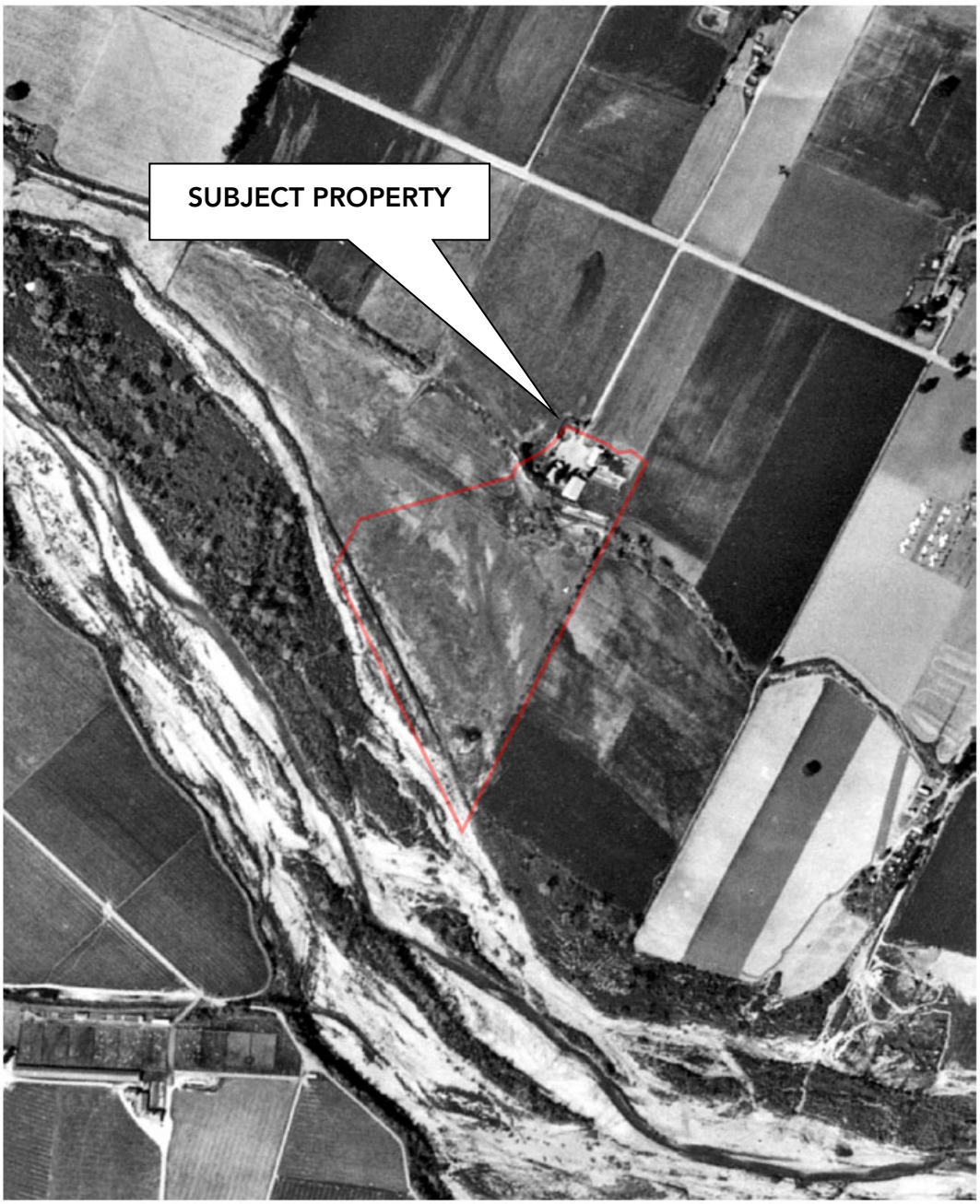
Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1954

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1954
Photo ID No. USDA

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The Phase One Group

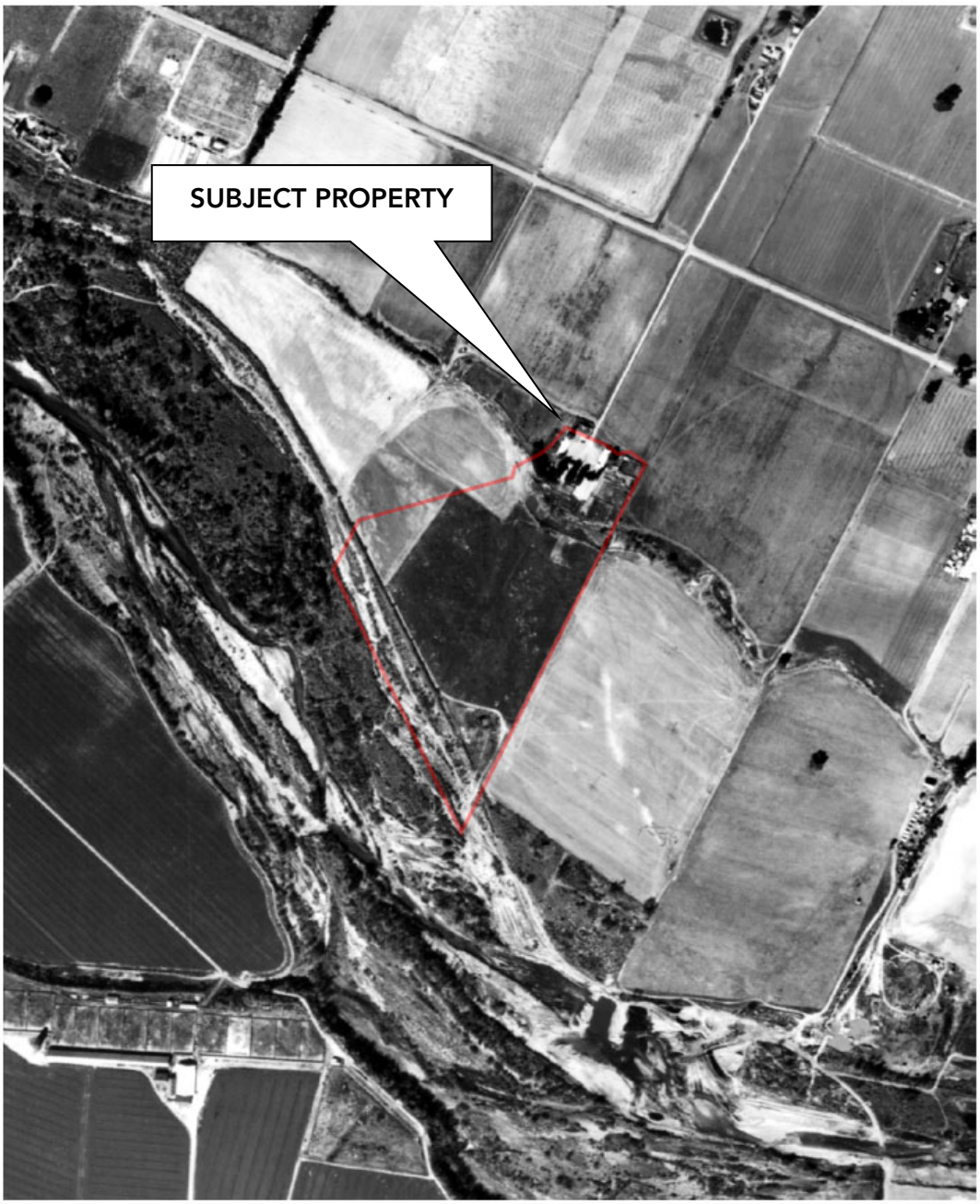
Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1960

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Scale: 1" = 500'

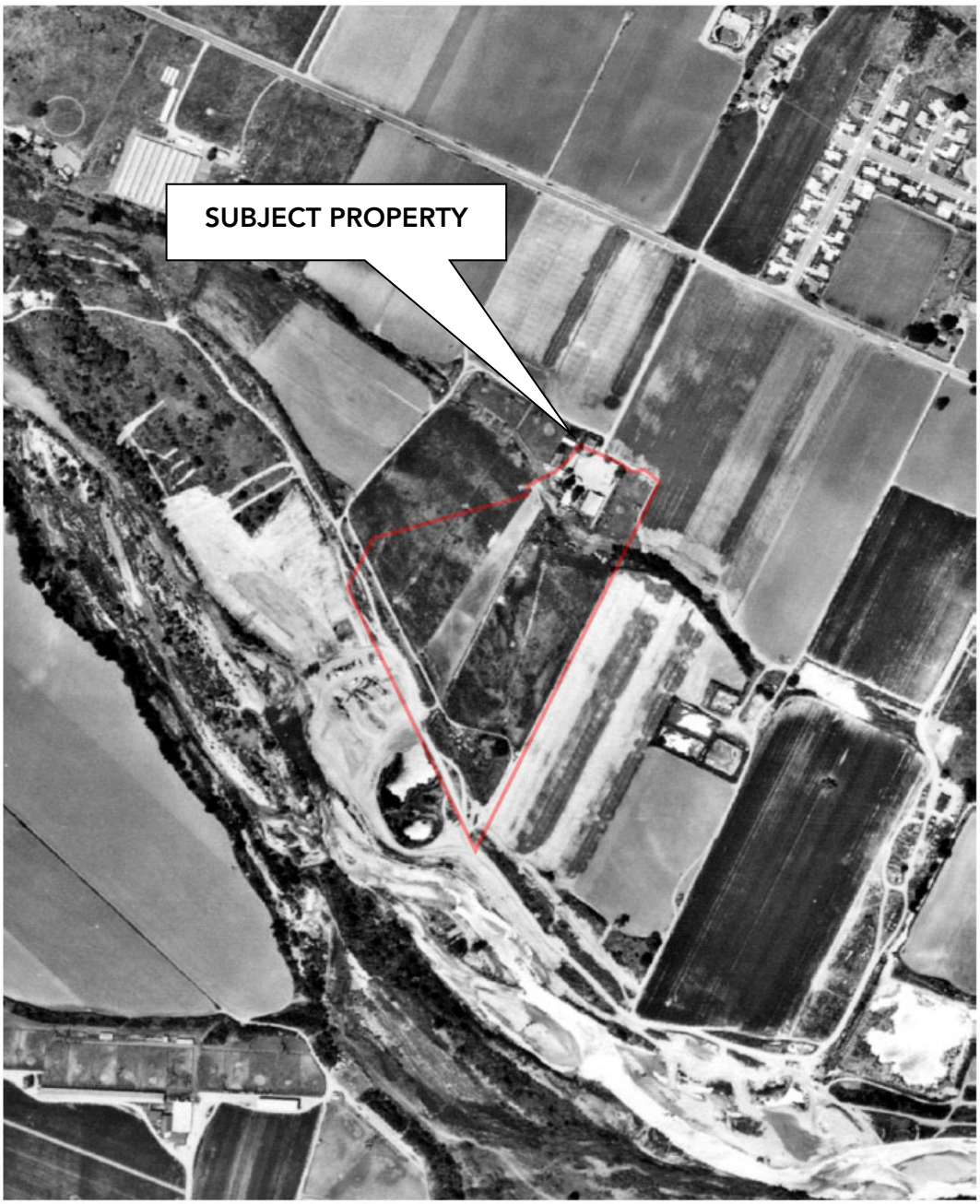


AERIAL PHOTOGRAPH	Date: 1960 Photo ID No. USDA	N↑
The Phase One Group	Site: Residential/Agricultural Property 202 Dairyland Road Buellton, California 93427 Project No.: 20-012	

FLIGHT YEAR:
1967

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1967
Photo ID No. USDA

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The Phase One Group

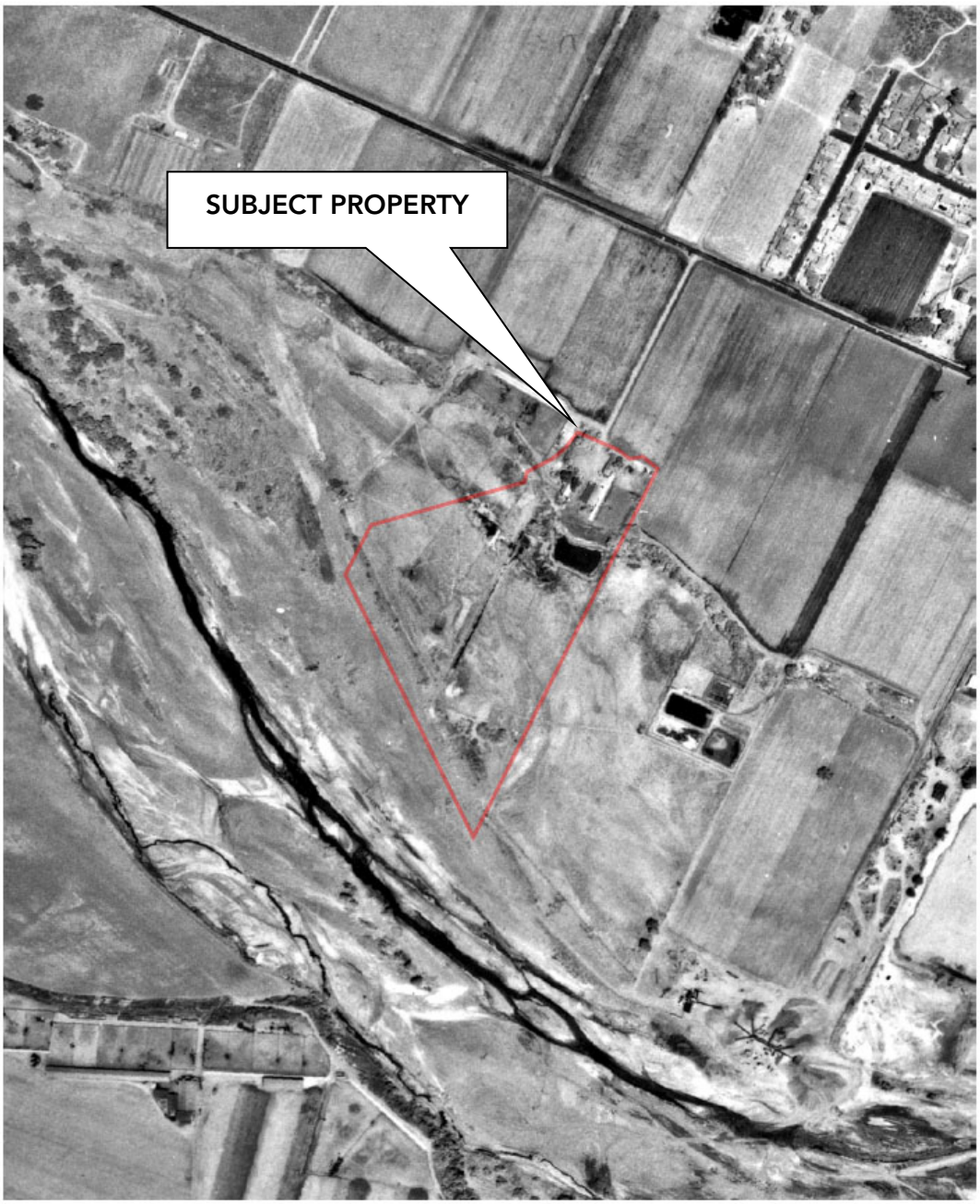
Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1969

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1969
Photo ID No. USDA

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The Phase One Group

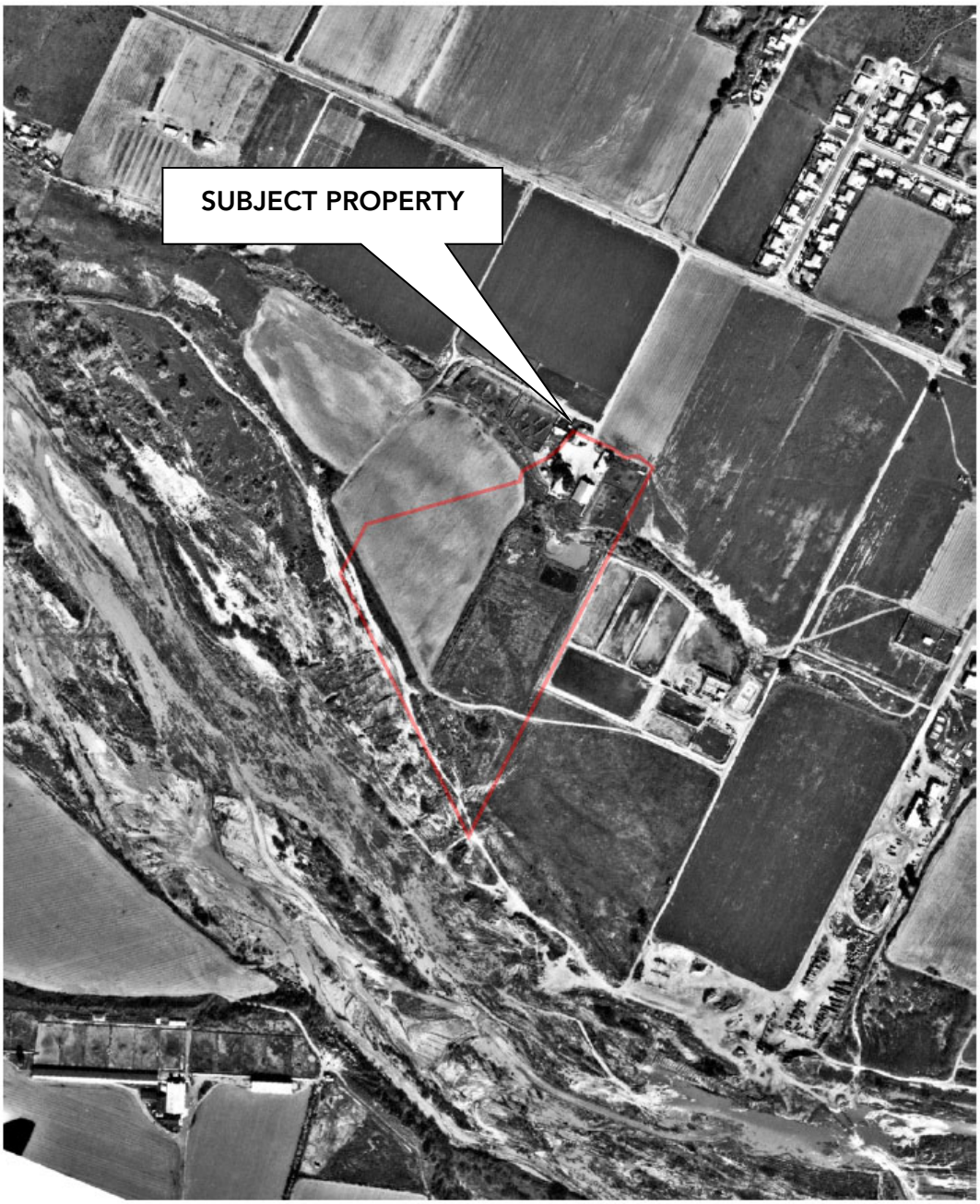
Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1973

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 1973
Photo ID No. USDA

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1978

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

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Photo ID No. USDA

N↑

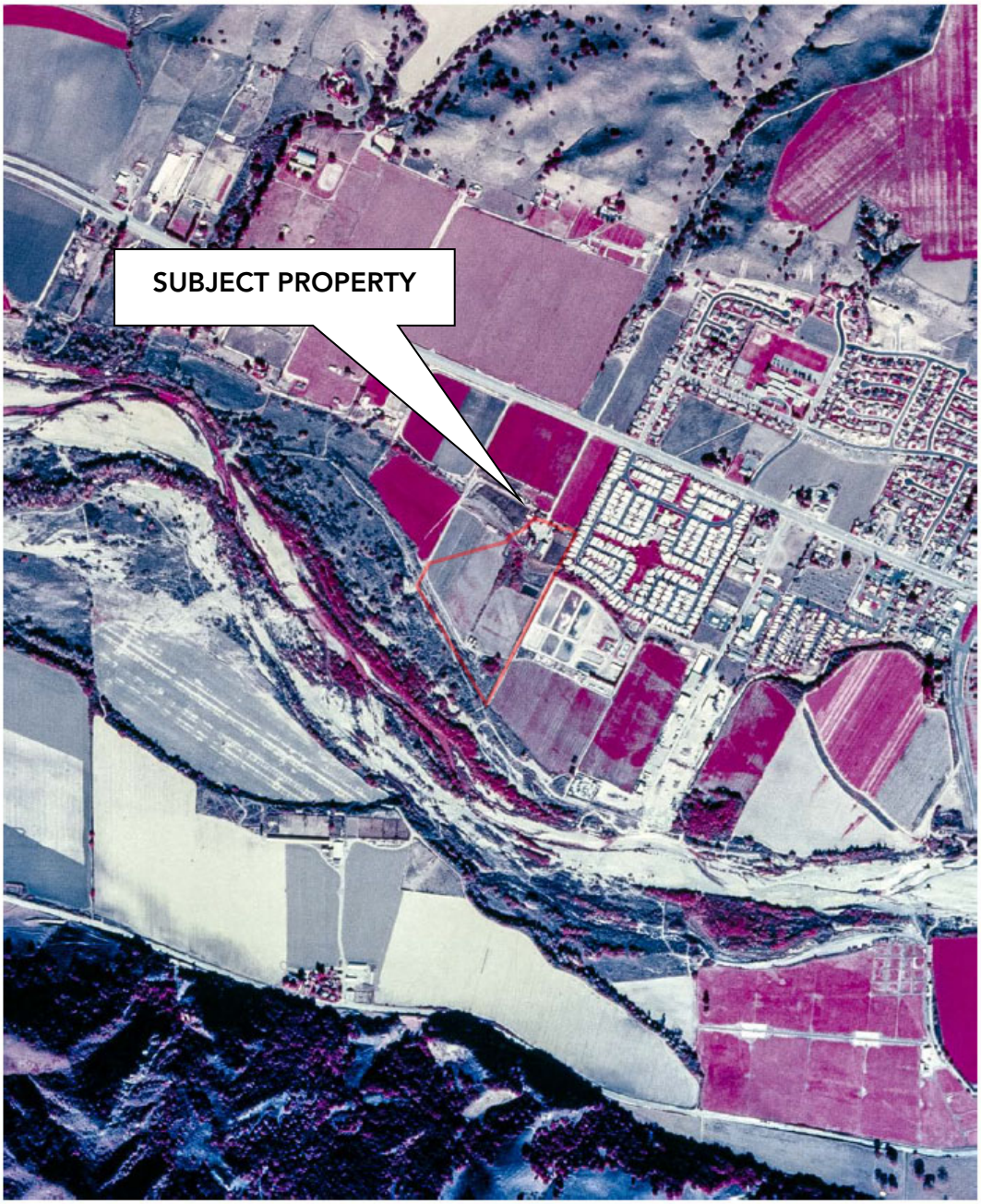
The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1981

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Scale: 1" = 1,000'



AERIAL PHOTOGRAPH

Date: 1981
Photo ID No. NHAP

N↑

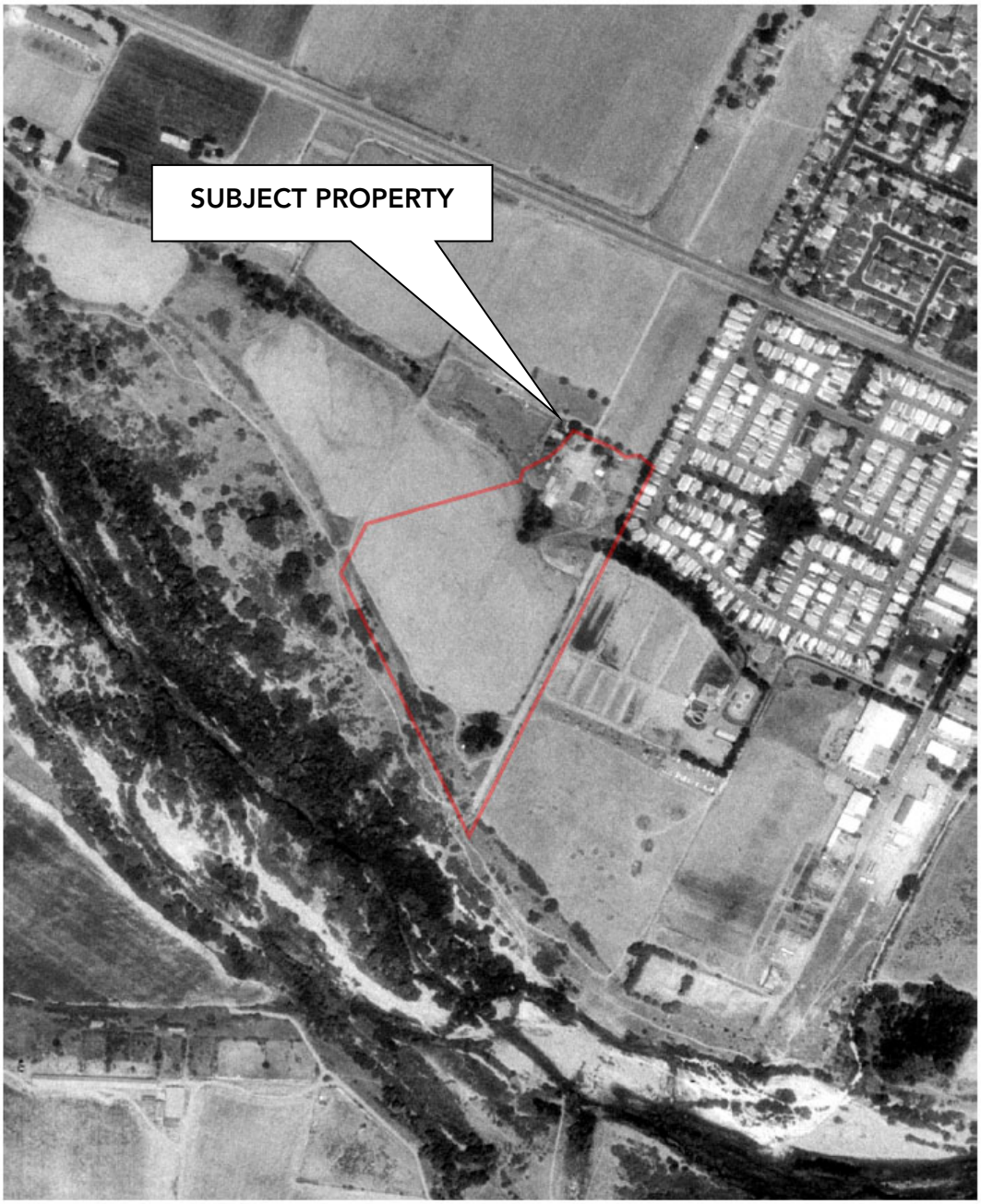
The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
1994

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Scale: 1" = 500'



AERIAL PHOTOGRAPH	Date: 1994 Photo ID No. DOQ N↑
The Phase One Group	Site: Residential/Agricultural Property 202 Dairyland Road Buellton, California 93427 Project No.: 20-012

FLIGHT YEAR:
2002

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2002
Photo ID No. DOQ

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2005

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W E
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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2005
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2009

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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2009
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2010

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W E
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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2010
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2012

N
W E
S
Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2012
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2014

N
W E
S
Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2014
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2016

N
W E
S

Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2016
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012

FLIGHT YEAR:
2018

N
W E
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Scale: 1" = 500'



AERIAL PHOTOGRAPH

Date: 2018
Photo ID No. NAIP

N↑

The Phase One Group

Site: Residential/Agricultural Property
202 Dairyland Road
Buellton, California 93427

Project No.: 20-012